Violetian State Sierran

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New Blackwater River Listing Adds Urgency to Corridor H Reroute



BY BETSY

JAEGER LAWSON

Sometimes, good news can masquerade as bad news. This year, West Virginia's Blackwater River made the American Rivers list of the ten most endangered rivers in the country. This report is a wake-up call and a catalyst for action to address the issues that are threatening what the late Senator Robert Byrd called the "crown jewel" of West Virginia rivers.

Merican Rivers is a Washington, D.C.-based advocacy group that has been publishing a list of ten threatened rivers every year since 1984 to draw national media attention and to mobilize public action. They review nominations from river groups and concerned citizens. The Go North Alliance—composed of the Friends of Blackwater, WV Highlands Conservancy, the Sierra Club's WV Chapter, Trout Unlimited, local residents, and business owners—nominated the Blackwater River because of the threat posed by routing Corridor H along the Blackwater Canyon and over the river.



American Rivers says, "the annual report highlights ten rivers whose fate will be decided in the coming year and encourages decision-makers to do the right thing for the rivers and

the communities they support. It presents alternatives to proposals that would damage rivers, identifies those who make the crucial CONTINUED ON PAGE 15

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VIEW FROM THE CHAIR

Energy Watchdogs Needed!

Remember the good old days when the WV Chapter would have only one energy issue to address at a time? Today, there are many issues running concurrently, meaning we need more volunteers to track these issues. Some current examples:



BY JIM KOTCON

- Adams Fork Ammonia Facility, proposed to use tons of methane and, maybe, carbon capture and sequestration (CCS) in Mingo County.
- ARCH2 (hydrogen hub) projects in Brooke, Kanawha, Mason, Marion, and other locations, as well as projects in Ohio and Pennsylvania. Most of these focus on using fracked gas and CCS to make "blue" hydrogen.
- CPV-Shay, a 2,000-MW gas-fired power plant, which will possibly use CCS in Doddridge County.
- Pleasants Power Station, still developing a project to make graphite from coal and use the hydrogen to generate electricity. Meanwhile, the plant (the dirtiest pulverized coal boiler in

WV) continues to burn coal.

- New EPA rules to control emissions of greenhouse gases, mercury pollution, wastewater discharges, and coal ash residues were announced in April.
- Old battles over utility electricity rates and how much utility customers should be charged to keep the coal industry alive.
- More battles over coal mining and acid mine drainage pollution in WV's waters.
- New proposals for plastics waste-to-energy incinerators, often disguised as so-called "advanced recycling."
- Long-running efforts to require adequate bonds to assure reclamation of coal mines, as well as plugging gas wells.
- Oh yes, new proposals for transmission lines that would keep these old coal plants operating longer!

(Note that the first four items—WV hydrogen facilities—share a common thread of sounding "green" while perpetuating decades of additional fossil fuel use.)

The above list is just a start. If you are paying an electric bill, your money may end up paying for some of these. Wouldn't it be great if West Virginia utilities and political leaders would focus on a transition to a clean energy economy?

We are struggling to keep track of them all. That is why we need volunteers who can keep an eye on what is happening in their backyards, as well as respond to our action alerts as opportunities for public comment arise. Thank you to everyone who helps. Let me know if you can assist with one or more of these. If everybody does something, no one has to do everything!

West Virginia Sierra Club Chapter Directory

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 FROM THE DIRECTOR

New EPA Rules for Coal-Fired Power Plants:

A Win for West Virginia's Health and Wallets



BY HONEY MAY

There's big news for everyone in West Virginia! New Environmental Protection Agency (EPA) regulations targeting coal-fired power plants are set to bring significant changes to our state, and it's something to be excited about. These rules aren't just about cutting down emissions; they're about protecting our health and ensuring a more sustainable economic future for all of us.

Coal has been a staple of West Virginia's economy and identity for generations, but the toll it takes on our health has been severe. These new regulations aim to significantly reduce the harmful pollutants these plants emit, which means cleaner air and fewer health problems for our communities. Diseases linked to air pollution, such as asthma, lung disease, and heart conditions, have burdened many West Virginians for too long. With stricter controls on emissions, we can look forward to a noticeable improvement in public health.

But there's more to these regulations than just health benefits—they also make sense financially. As the rest of the country moves toward more sustainable energy sources, sticking with old coal technologies could leave us lagging behind economically. The new rules encourage investment in newer, cleaner technologies, which can create more sustainable jobs and save us money in health care costs down the line. As coal plants adapt or transition to these new standards, we're paving the way for more modern industries to take root in our state.

The initial costs of complying with these new regulations might seem daunting to some, but the long-term benefits far outweigh these early expenses. Cleaner energy means lower medical bills, fewer workdays lost to sickness, and a more attractive state for outside investors and tourists concerned about environmental conservation.

Moreover, as our nation increasingly demands cleaner energy, West Virginia must adapt to stay competitive. By embracing these changes, we ensure that our workers are not left behind in a rapidly evolving energy sector. Training programs and new job opportunities in emerging industries are critical as we transition from old coal technologies to newer, more sustainable practices.

In essence, the EPA's new rules for coal-fired power plants are a crucial step forward for our state's environmental and economic health. It's time for West Virginia to lead by example, showing that we can honor our past and embrace a healthier, more prosperous future.

Let's support these changes, not just for our environment, but for the health of our communities and the strength of our economy.

LEARN MORE:

https://tinyurl.com/new-epa-rules

"Let's support these changes, not just for our environment, but for the health of our communities and the strength of our economy." **SAVE THE DATE!**

SIERRAFEST 2024!

Celebrate 40 years
of the
West Virginia Chapter

Friday, October 4

through

Sunday, October 6

CEDAR LAKES
CONFERENCE CENTER,
RIPLEY, WV

Fun and learning for all ages! Complete the survey insert or online:



https:// bit.ly/WVSierraFest2024-Interest

QUESTIONS? CONTACT:
CANDICE.K.ELLIOTT@GMAIL.COM

2024 West Virginia Legislative Wrap Up



BY JIM KOTCON

The 2024 session of the WV Legislature adjourned March 9, with a lot of good bills unfinished. The WV Chapter worked closely with the West Virginia Environmental Council and their lobbyists, Lucia Valentine and Isabel Stellato.

"While we did not

secure the victories

we wanted,

defeating bad bills

is important."

Among the bills that we supported, priorities were SB 638, authorizing community solar programs, and HB 5422, to maintain net metering programs for rooftop solar owners. Another important priority was the Orphan Well Prevention Act (SB 532, and its House version HB 5414). These bills did not progress out of committee, but we will pursue them again next year.

In spite of vigorous efforts, several bad bills were adopted. SB 171 prohibits county commissions from regulating "agricultural operations." This includes efforts to protect citizens from pesticides, as well as county zoning ordinances that limit locating undesirable operations in sensitive areas of a community.

Another bad bill adopted

was HB 5013, which in its original form would have limited tax breaks for land under conservation easements if those easements limited timbering. Fortunately, the bill was amended to limit the restrictions and allow conservation easements, but we will need to watch how this is implemented.

Finally, while it is not directly an environmental bill, HB 5105 did pass the Legislature. The bill weakens vaccination requirements for school children. Failure to vaccinate is a direct health threat to school children, as well as vulnerable adults, and the votes on this bill are a pretty good indicator of the triumph of ultra-conservative ideology over rational scientific facts. Fortunately, Governor Justice vetoed this bill.

SOME VICTORIES!

Citizen lobbying efforts helped defeat several other bad bills. HB 5018 would have prohibited the use of community air monitoring data to supplement that gathered by government agencies. Industry clearly does not want you to know what is in the air you breathe. Another bad bill that failed to pass was

SB 618, to create a state program to regulate sale and purchase of carbon offsets in forestland. At a time when we need every tool to reduce greenhouse gases, this bill would have made it harder for landowners to manage their own lands and would interfere with their private property rights. Likewise, SB 682 would have impeded such carbon exchange agreements by

imposing draconian taxes on landowners.

Finally, in spite of the need to improve bonding of gas wells to ensure that they are properly plugged at the end of their useful life, HB 5076 would have actually reduced bonding requirements for some gas companies.

For more details on these and other bills, visit: 2024 Legislative Session Round Up (wvecouncil.org).

While we did not secure the victories we wanted, defeating bad bills is important. Unfortunately, we expect some of these will be back. A special session of the Legislature is expected before June 30 to address some budget issues, and the Governor may well reintroduce some of these bad bills. Stay tuned.



Legislative Scorecard Identifies Zeroes and Heroes!

The challenges of achieving environmental victories during the 2024 Legislative Session should reinforce our resolve to elect representatives who place the environment and public health above corporate profits and ideology.

To find out how your legislators voted on environmental issues, check out the Sierra Club's Legislative Scorecard at: tinyurl.com/sc-scorecard.

This is an important tool to hold legislators accountable and to recognize those who vote consistently for environmental protection.

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WVEC's Francie Price, Jillian Welsh, and Jenna Breeckner at Environmental Day at the WV Capitol in February. PHOTO: BERRY BENNETT

A Note from the WVEC Lobbyists

BY ISABEL STELLATO AND LUCIA VALENTINE

Thank you to our partners at the WV Rivers Coalition, West Virginians for Public Lands, the WV Highlands Conservancy, the WV Chapter of the Sierra Club, WV Citizen Action Group, Solar United Neighbors, West Virginians for Energy Freedom, and the Surface Owners Rights Organization for their work throughout the session. Their expertise and leadership were instrumental in generating impactful public comments and driving our efforts forward.

As we reflect on another session gone by, what stands out most are not the failed bills or even the bad ones that passed. In a conversation with a legislator during the final week of the session, we thanked them for being an ally to us over the past sixty days. In return, they thanked us for our work and reminded us that our presence at the legislature was enough to keep industry and monied interests from

Any legislator, lobbyist, or press member who has spent time recently at the WV State Capitol can affirm that the 2024 session was anything but ordinary. While proactive bills were a priority, most efforts focused on defeating harmful legislation. One of our most significant accomplishments was defeating HB 5018 (restricting the use of community air-monitoring data), an industry-backed bill that stubbornly survived until the last few days of the session. Our success in defeating this bill was a testament to the vigilance of our member groups and the readiness of concerned citizens to mobilize at a moment's notice.

running amok and unchecked. It reminded us that our work is not about constantly winning, but instead about showing up and putting in the work year after year. We had many great moments, like E-Day and the public hearing on HB 5018. These reminded us, our partners, and our lawmakers that we're here to stay!

And on that note, please join us to set 2025 legislative priorities and to strategize at the WVEC Annual Meeting on September 13-15, 2024, at Tygart Lake State Park in Grafton. And mark your calendars for E-Day 2025, March 17, 2025, when we'll gather at the WV State Capitol for a day of citizen advocacy. E-Day offers a unique chance for environmental organizations and community members to connect, showcase their work, and engage with policymakers.

Nicholas County Solar Project: A Model for Transition?

On March 21, the U.S. Department of Energy (DOE) announced grants for the "Clean Energy on Mine Lands" program, including \$129 million for a project to put 1,500 acres of solar panels on old mine lands in Nicholas County, WV.

The project, called "A Model for Transition: Coal-to-Solar in West Virginia," is a 250-MW, utility-scale solar PV project proposed at two former coal mines in Nicholas County. These inactive mine sites provide access to existing energy infrastructure that can transmit energy to the grid. Repurposing these previously disturbed sites for solar energy development can reduce development on sensitive natural and agricultural land, produce and deliver clean power to local communities, and lay the groundwork for a regional economic revitalization —starting with the workforce. Like much of Appalachia, Nicholas County experienced a significant population decline as coal production slowed. To establish a workforce infrastructure able to serve the state for generations to come, the project plans to create a national Coal Transition Workforce Center at the New River Community and Technical College.

Similar to other DOE-funded projects (such as ARCH2), a Community Benefits Plan is required. At a community briefing on April 30, a spokesperson for Savion (the applicant) described the desire of local political leaders for jobs creation and said the project anticipates creating approximately 400 construction jobs and four operations jobs. DOE says the project has the potential to bolster overall local economic health by contributing more than \$18.5 million in property taxes over the project's proposed 40-year lifetime, helping to fill the tax revenue gap left by retired coal mines.

SO WHAT'S THE PROBLEM?

The Nicholas County Solar Project is an example of something that the Sierra Club has supported in principle, as exemplified by our support for state legislation to provide such incentives. Jobs are needed in Nicholas County, and we certainly support the goal of transitioning employment to more sustainable jobs in renewable energy, as well as the goal of protecting prime farmland and natural areas from development by using already-degraded lands.

But we want to assure that the Club's values for natural resource protection and environmental justice are also fully considered. The sites represent thousands of acres of mined lands where reclamation was supposed to return them to forest and wildlife habitat. Most of these sites presently have sparse grass cover and some scraggly shrubs, so their proposed reclamation has certainly not been completed. One issue that has not been addressed is whether hunting and fishing access will continue.

Treatment of mine water is ongoing at some of the sites, and it is not clear who will retain responsibility for that. Some of these mining companies were involved in earlier lawsuits with the Club's Beyond

Coal Campaign, and assuring that the industry pays the true cost of coal is one of our concerns.

Very few local citizens seem to be involved in the planning, and a "Community Benefits Plan" that is imposed on county residents without their input seems antithetical to environmental justice goals.

We hope that, by the time you read this, our concerns will be addressed so that we can fully support the project.





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New Acid Mine Drainage BY BETSY JAEGER LAWSON Treatment Plant Opens in Richard



The new Richard Acid Mine Drainage Treatment Plant on Route 7 east of Morgantown. The silo is where water seeping from the mine is de-acidified, then sent to tanks in the low building where the aggregated solids settle out, leaving clean water to pump into Deckers Creek.

PHOTO BY BETSY LAWSON.

n Earth Day 2024, Morgantown had something to celebrate. The Richard Acid Mine Drainage (AMD) Treatment Plant, located east of the city on Deckers Creek, went into full production on April 17. This triple win for West Virginia means the clean-up of acid mine drainage streams, green jobs in former coal communities, and the collection of rare earth elements necessary for the clean energy economy and our digital devices.

Cleaning AMD-contaminated streams and extracting rare earth elements are two separate operations. (Rare earth elements are the metallic elements used in cellular phones, computer hard drives, and other high-tech devices or parts.) At the new Richard facility, water seeping from the mine is diverted away from the creek to a silo where its acidity is neutralized with lime and then flocculated. Next, this slurry is sent to tanks inside the building where the aggregated solids settle out. The now-clean water is pumped into the creek. This is what went into full production

on April 17. The condensed sludge will be sent elsewhere for processing.

The Friends of Deckers Creek (FODC) sought help to clean up the stream for decades, but cost was always an issue. While FODC made impressive gains, the turning point came with President Biden's Infrastructure Investment and Jobs Act, from which West Virginia received \$140 million last year and \$140.7 million this year for abandoned mine land and AMD projects across the state. Natural Resources Conservation Service, an agency of the U.S. Department of Agriculture, worked with WV Department of Environmental Protection's Office of Special Reclamation to design the site now in operation. State and federal officials toured the new facility in Richard on Earth Day.

Yet to be realized is a centralized facility to extract, process, and refine rare earth elements and heavy metals from the condensed sludge. The technology needed to accomplish this was developed by the WVU Water Research Institute, starting in 2016. The institute has

received ongoing funding for this research from the Department of Energy. Acid mine drainage provides rare earth elements in a form that is easily recovered, compared to the difficulty and large carbon footprint of extracting them by mining, most of which is done in China. In addition, AMD contains over 60% of the rare earth elements used in green energy and defense technology, compared to 12% obtained from mining it. State law grants anyone who treats AMD the right to sell whatever they extract from the sludge, which will pay for about 85% of the cost of stream's AMD cleanup.

Because of the Bipartisan Infrastructure Law, funding for the stream clean-up will continue in WV for another 13 years. The WV DEP, along with the Office of Surface Mine Reclamation and Enforcement, will prioritize the areas most in need. Maybe one day our orange streams will begin to support life again. And soon, maybe the export of rare earth elements could transform WV's coal identity into one that encompasses sustainable energy.

SIERRACLUB.ORG/WEST-VIRGINIA

ARCH2 Projects Raise Concerns that Energy Department Fails to Answer



BY ERIC ENGLE

On March 27, the U.S. Department of Energy (DOE) Office of Clean Energy Demonstrations (OCED) held a listening session on the Appalachian Regional Clean Hydrogen Hub (ARCH2) project.

The event was attended by 190 people—by far the most attendees of any session held for the seven hydrogen hub projects proposed across the country. These projects are funded by \$7 billion in federal government monies.

At that March event, I was among 34 people who signed up to speak, but only 24 of us got the opportunity. Of those two dozen speakers, only one person was in favor of a hydrogen project of the sort proposed for ARCH2, and even then on a much smaller scale and with different purposes. Because so many were denied the opportunity to speak, another listening session is scheduled for May 8 (still a future date as I write).

A summary from the March listening session posted on the energy.gov website offered fair, though a bit superficial, summations of the comments made. OCED's responses, though, were at best insufficient. For example, speaker concerns about the use of fossil fuels in the projects and the maintenance required for fossil fuels infrastructure were met only with discussion of greenhouse gas emissions reductions. The numerous mentions of public health and other environmental impacts by commenters were almost completely disregarded. The unproven (some would argue disproven) ability of carbon capture and sequestration technologies to address CO emissions at anywhere near the scales necessary was also ignored. There was also no response to concerns expressed about the other potent greenhouse gas in question, methane.

When OCED did respond to public health concerns, like issues surrounding air quality, they referred to the National Environmental

Policy Act (NEPA) and elective community benefits commitments under that law. When attendees at the listening session raised concerns about tax credits available to ARCH2 projects, the DOE failed to acknowledge that all seven hub projects are already asking for more money and are pushing to weaken guidance on use of the Inflation Reduction Act's 45V tax credit. Furthermore, DOE itself seems to be favoring this loosening of standards.



Projected Impact from ARCH2 Project Benefits

A petition letter from Tom Torres, Hydrogen Campaign Coordinator for the Ohio River Valley Institute, was signed by 54 supporting organizations, including the West Virginia Chapter of the Sierra Club. This letter called on the DOE to release information needed for the public to understand the ARCH2 proposal, to establish meaningful processes for the public to exercise agency over the proposal, and to suspend negotiations with ARCH2 participants until the first two demands have been clearly met.

Promised plans for community benefits and community engagement efforts have not

been forthcoming. Meagan Niebler with Fair Shake Environmental Legal Services has worked tirelessly on development of what community benefits plan proposals should look like and on efforts to get DOE to engage with the public more fully and transparently, but DOE has not been receptive or responsive to these efforts.

If you're like me, you're sick and tired of industry just getting its way, even with government overseers who have promised to work for environmental justice and involvement by impacted communities. The \$925 million earmarked for ARCH2 in the Infrastructure Investment & Jobs Act (aka Bipartisan Infrastructure Law) has not actually been disbursed. The federal government needs to withdraw the offer and refuse to commit these funds to any kind of blue hydrogen project—blue hydrogen being hydrogen derived from methane or "natural" gas.

With Sen. Joe Manchin's intervention, the Infrastructure Bill was written so that at least one of the hydrogen projects had to be fossil gas-based. Not surprisingly, that project would be ARCH2, incorporating West Virginia and parts of surrounding states. This is a huge mistake and needs to be undone. ARCH2 should go forward as a green hydrogen project—one in which hydrogen is produced from a renewable energy-powered electrolysis process that separates the hydrogen atoms from water molecules. Otherwise, it should not be built at all.

The people are speaking, but will the DOE start listening? I hope so.

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A Visit with Regina Hendrix

BY BILL PRICE

In April I had the honor of visiting Regina Hendrix, a former member of the WV Chapter Executive Committee and a long-time environmental activist involved in protecting clean water and ending mountaintopremoval mining. Regina has been a dedicated and passionate advocate for environmental justice for many years, and it was truly inspiring to learn from her experiences.

During my visit, Regina shared with me the devastating impacts of mountaintop-removal mining on communities and on the environment in West Virginia. She spoke passionately about the destruction of the Appalachian landscape, the erasure of local history, and the state economy's overdependence on extractive industries—industries that adversely impact the safety of drinking water and the health of local communities. Her deep commitment to protecting the natural beauty of her home state and the well-being of its people was evident in every word she spoke.

Regina also shared with me her experiences as a member of the WV Chapter Executive

Committee. She spoke about the challenges and successes of organizing grassroots campaigns, working with local and national partners, mobilizing communities, and advocating for policy change. Her dedication to the cause of environmental justice and her unwavering commitment to standing up for what is right is truly inspiring.

As I listened to Regina, I couldn't help but feel a renewed sense of determination and purpose in our fight against mountaintopremoval mining and other destructive mining practices. Her passion and perseverance are a reminder that change is possible, and that when we come together and



Our Conservation Chair, Bill Price, stopped by to visit long-time WV activist Regina Hendrix in April.

work tirelessly for a common cause, we can make a difference.

I left my visit with Regina feeling grateful for the opportunity to learn from her and inspired to continue the important work of advocating for a sustainable and just future. I am grateful for Regina's dedication and leadership, and honored to have had the chance to spend time with her.

(Editor's Note: After several health setbacks, Regina now makes her home in an assisted living center in Mt. Airy, Maryland. But her positive outlook and determination to improve our world continues to be an inspiration to many of us.)

Rainstorm Alters Plans for EPSC's Picnic and Conservation Tour



A new rain garden (along with this educational wayside) is one of WV Conservation Agency's projects in Jefferson County's Sam Michaels Park. It was intended to be featured on a post-picnic walk for EPSC on April 30, but a rainstorm scuttled that plan.

PHOTO BY CHRIS CRAIG

Eastern Panhandle members and friends gathered on April 30 for a potluck picnic and tour of conservation plantings at Sam Michaels Park in Jefferson County.

After finishing their meal, the group heard a presentation by Kristen Bisom of the West Virginia Conservation Agency. She discussed the agency's role in addressing impaired water quality due to nonpoint source pollution. Damaged septic systems, pet waste, fertilizers, and runoff from city streets all contaminate our drinking water supply. Grants are available under Section 319 of the Clean Water Act for a variety of projects, including tree plantings and repair of failed septic systems. This program has provided funding for tree plantings and a rain garden in Sam Michaels Park.

Bisom provided maps showing a self-guided tour of the park's conservations plantings and the new rain garden. She planned on leading

a walk to the various sites. However, Mother Nature had other plans.



BY AILEEN CURFMAN

A dramatic early summer front sent wind and rain sweeping through the pavilion. Quick action prevented plates and tablecloths from sailing away. Only later did attendees realize that a great photo opportunity had been missed. A video of that chaotic scene would have been a priceless addition to the WV Sierra Club archives. With rain still falling after Bisom's presentation, she encouraged everyone to visit the park again and follow the map to find each of the plantings.

Thanks go out to Kristen Bisom for presenting this program as well as all the folks who prepared food and came out to share the evening with other Sierrans!



Student Sierrans Raise Environmental Awareness on Campus and Beyond

This has been an exciting year for West Virginia University's Sierra Student Coalition (SSC). Our outings have taken us to a variety of our state's beautiful natural treasures, such as Snake Hill, Cooper's Rock, Ice Mountain, and Blackwater Canyon. Closer to home, our endeavors (ecotherapy, trail maintenance, trips to WVU's organic farm and its Core Arboretum) have aimed to keep environmental awareness and sustainability as our top mission. At the heart of this mission was not only putting in work, but also ensuring that our efforts could be felt across the community, state, and nation.



VICE PRESIDENT, SIERRA

STUDENT COALITION

Last September our members traveled to New York City to join 75,000 advocates for a protest against the climate crisis, and in January we joined West Virginians for Energy Freedom in Charleston for a Save Our Solar rally. Over the past twelve months, we have successfully collaborated with other advocates and organizations from around the community, such as the West Virginia Environmental Council, which we joined for its annual meeting at Tygart Lake State Park to outline the coming year's sustainability campaign and policy goals.

The hard work of SSC hasn't gone unnoticed, and recently, the Office of Student Engagement and Leadership awarded the organization its Outstanding Program Award for its annual Earth Day on the Green. This year's event (April 19) brought together over 40 student organizations and community vendors for a celebration of our planet and sustainability. Our faculty advisor, Dr. Jim Kotcon, was honored

with a Lifetime Achievement Award for Outstanding Faculty/Staff Advisor. His leadership and expertise have been a valuable part of SSC's achievements for more than 25 years.

Next year, SSC plans to continue building on our successes and expanding our sustainability campaign, with a priority focus of gathering support for a solar petition that advocates for the installation of more solar panels across campus.

Members maintain that our work over the past twelve months would not have been possible without the leadership of our President Baileigh Rhoads, Vice President Hannah Kornacki, Treasurer Davis Funk, and Secretary Jillian Blair, along with the continued support of WVU and everyone who collaborated to make this year one of the most successful in SSC history.



Girls from French Creek Girl Scouts, Troop #35017, learned to Reduce, Reuse, and Recycle on Earth Day, thanks to this cleanup and activity organized by WV Chapter Secretary Chrissy Sandy.

Girl Scouts Learn to "Reduce, Reuse, Recycle" at School Cleanup



BY CHRISSY SANDY

On Wednesday, April 24, I held an Earth Day Event with an Upshur County Girl Scout Troop, sponsored by the WV Chapter of the Sierra Club. I had spoken with the chapter and with the troop leader about what we could do. But my daughter provided the idea when she said, "We need to do a litter cleanup at the school!" Great idea! Let's make it happen!

I had already received an allocation of funds

for a "Reduce, Reuse, Recycle" event for the troop, so I coupled that with a litter cleanup. The girls were excited to use the "litter grabbers," garbage bags, and gloves supplied by WV DEP's Rehabilitation Environmental Action Plan to pick up litter around the school grounds. After the litter was collected, we met in the cafeteria for a learning session about how to reduce our waste and conserve resources like water and electricity. We also discussed ways to reuse items at home and what items can be recycled.



One girl asked about curbside recycling at home.

Unfortunately, in the area we live, recycling collection is not an option, and you must take items to the recycling center at the Solid Waste Authority. She was sad about that.

I rifled through the garbage that we collected, held up items asking the girls if any could be recycled. Most items were not recyclable. Each girl received a "Reduce, Reuse, Recycle" patch as well as an Earth Day patch for participating in the event. I hope the girls learned something during the event and will start practicing these things at home. I am happy to be given the opportunity to educate youth on the importance of taking care of Earth—perhaps with more events in the future. Thank you, Sierra Club, for helping make this happen!

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DEADLINE FOR THE 2024 FALL ISSUE: AUGUST 3, 2024

Opinions expressed in the *Mountain State Sierran* are those of the contributors and do not necessarily reflect the opinions of the Sierra Club.



Saturday, May 25, 2024

DAY HIKE: C&O Canal towpath, McCoy's Ferry to Fort Frederick State Park

This hike is open to all capable of a multi-hour walk on level ground. We will start at the McCoy's Ferry parking lot on the C&O Canal and walk the towpath to Fort Frederick State Park. Once at the park, we will be able to explore the rebuilt French and Indian War fort. The park will be celebrating its 100th anniversary as a state park and will be featuring living history programs and displays from state and community partners of the park.

Distance/ 4.5 miles **Difficulty:** EASY **Duration:** 3.5 hours

Bring: Water, snacks, and footwear

appropriate for the conditions.

Meet: 10 a.m. McCoy's Ferry parking lot,

C&O Canal NHP, 10700 McCoy's Ferry Road, Clear Spring, MD. From I-70, take exit 18 toward Clear Spring, MD, and turn left onto Cumberland Street/National Pike. In 0.5 miles, turn left onto Boyd Rd. In 2.8 mile, turn right onto MD-56, then left onto McCoy's Ferry Rd. The sign for the parking lot will be in one mile.

Leader: Ken Kendall

kekendall65@gmail.com

304-433-9537

Nearest town: Clear Spring, MD

Cancellation We will cancel for heavy downpours

policy: or thunderstorms.



On an April hike in Maryland's Woodmont Natural Resources Area, Sierrans encountered this little beauty an Eastern fence lizard.

PHOTO BY TAMMY VINCENT.

Celebrating the 60th Anniversary of the Wilderness Act!

Saturday, June 15, 2024

DAY HIKE: Otter Creek Wilderness Loop

2024 marks the 60th anniversary of the Wilderness Act, which provides the strictest protection for some of America's treasured lands. This hike will provide a chance to explore one of West Virginia's nine wilderness areas. We will trace Otter Creek from its headwaters as it cascades down the valley, gathering in pools. We will then climb to a high point on Shavers Mountain before descending to our starting point. This hike is suitable for people in good health with recent experience hiking similar distances. Due to federal regulations, numbers will be restricted on this hike, so reservations are required. There is the possibility that a short, easy out-and-back option might be available as well. Let us know if you are interested in that. There is no charge for this hike, but contributions are welcome. For those wanting to stay in the area the night before, hotels are available in Elkins and camping is available nearby in the national forest.

Distance/ 9.0 miles

Difficulty: MODERATELY DIFFICULT

Duration: 6 hours

Bring: Suitable footwear for a 9-mile hike with rocks, stream crossings, and

mud. Hiking poles or staffs are recommended. Bring a substantial lunch, plenty of water, and possibly

additional snacks.

Meet: 9 a.m. Condon Run Trailhead, Monongahela National Forest. From

Monongahela National Forest. From Elkins, drive east on US 33 for 11.5 miles, turning left on Stuart Memorial Drive/FR 91. Continue straight at junction onto FR 303 to

the dead end at trailhead.

ccraig@laurellodge.com

304-433-1260

Ken Kendall kekendall65@gmail.com

304-433-9537

Nearest town: Elkins, WV

Leaders: Chris Craig

Cancellation policy:

We will carry on in moderate precipitation but cancel if storms or flood conditions are likely.

Saturday, June 22, 2024

DAY HIKE: Hollow Brook Trail, Bluemont, VA

This short out-and-back hike goes to a waterfall at the top of Hollow Brook, followed by a climb to the summit of Buzzard Hill. Depending on rainfall, we could see a nice waterfall along the way. There are a few moderate inclines (approx. 250 feet elevation gain). There is no charge for the hike, but donations are welcome.

Distance/ 3.8 miles/ **Difficulty:** MODERATE **Duration:** 3.5 hours

Bring: Plenty of water and a sack lunch.

Hiking poles or a walking stick may be helpful for a creek

crossing.

Meet: 1953 State Rd. (VA 605),

Bluemont, VA. Meet at the large parking area off VA 605 just below the Appalachian Trail crossing. Parking on the road may result in being towed or a

large fine.

Leader: Tammy Vincent

tammy.vincent.id@gmail.com

208-866-8422

Nearest town: Bluemont, VA

Cancellation We will carry on in light rain **policy:** but cancel in a downpour.



Above and right: Completing their multi-year exploration of the Appalachian Trail in Northern Virginia, ten Sierrans walked forest and meadows of the trail near Front Royal, VA.

PHOTO BY RICHARD G.

Saturday, June 29, 2024

DAY HIKE: Alum Cave Trail, Audra State Park, Buckhannon, WV

The Alum Cave Trail is a short but beautiful loop hike along the Audra River. The trail winds under and around the caves. The boardwalk through the cave can be wet. Birding and fishing sites are close by. For those wanting to stay in the area before or after the hike, there is overnight camping at the park. The event is free, but donations are welcome.

Distance/ 2.7 miles
Difficulty: MODERATE
Duration: 2 hours

Bring: Water, snack, and shoes that you

won't mind getting wet. Hiking poles

may be helpful.

Meet: 10 a.m., Audra State Park parking

lot, Audra Park Rd. The parking lot is inside the park entrance on the right after you cross the bridge.

Leader: Elizabeth Taylor

etlodo@gmail.com 919-605-2145

Nearest town: Buckhannon, WV

Cancellation We will cancel in heavy rain.

policy:



Saturday, July 6, 2024

DAY HIKE: Tuscarora and Pee Wee Point Trails, Berkeley County, WV

Continuing our exploration of the Tuscarora Trail in West Virginia, we will hike out-and-back along a forest ridge in Sleepy Creek Wildlife Management Area, with a detour to a scenic overlook at Pee Wee Point. It is suitable for adults and children (with adult supervision) in reasonable shape and able to handle hills and uneven terrain. There is no charge for the hike, but contributions are welcome.

Distance/ 7 miles

Difficulty: MODERATELY DIFFICULT

Duration: 4 hours

Bring: Plenty of water and a sack lunch.

Hiking poles or a walking stick may be helpful. Prepare for sun and

possibly rain.

Meet: 10 a.m. Hampshire Grade Road at

the Tuscarora Trail. From WV 7 4.5 miles north of Glengary, turn up the hill on Hampshire Grade Road (CR 7/13) and go 4.5 miles to the top. There is parking along the shoulder near the trail intersection.

Leader: Chris Craig

ccraig@laurellodge.com

304-433-1260

Nearest town: Glengary, WV

Cancellation We will carry on in light rain but **policy:** cancel if a storm is expected.

Sunday, July 28, 2024

DAY HIKE: Bears Den to Sam Moore Shelter, Appalachian Trail, Northern VA

This is an out-and-back hike along the Roller Coaster section of the AT in Northern Virginia. The hike starts out with a view from the west from the Bears Den Overlook and then heads south on the trail, passing over several ridges on the way to the Sam Moore Shelter in 3.3 miles. The hike is open to anyone able to handle a moderate hike on hilly terrain. There is no charge, but donations are welcome.

Distance/ 6.6 miles

Difficulty: MODERATELY DIFFICULT

Duration: 4 hours

Bring: Plenty of water and a sack lunch.

Hiking poles or a walking stick may be helpful for a creek crossing.

Meet: 9 a.m. Bears Den Trail Center parking

area, 18393 Blue Ridge Mountain

Rd., Bluemont, VA

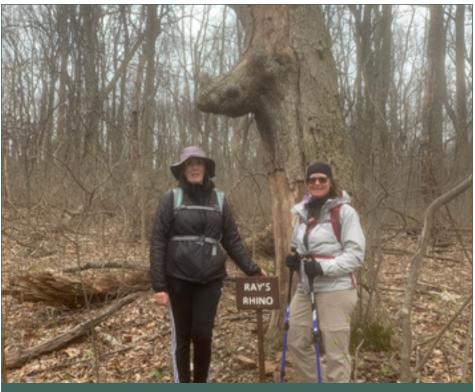
Leader: Tammy Vincent

tammy.vincent.id@gmail.com

208-866-8422

Nearest town: Bluemont, VA

Cancellation We will carry on in light rain **policy:** but cancel in a downpour.



Jeannette Evans-Morgis and Jeananne Shultz pose by Ray's Rhino, a curious landmark on the Appalachian Trail near Front Royal, VA. PHOTO BY CHRIS CRAIG



Saturday, August 3, 2024

DAY HIKE: Appalachian Trail – PennMar State Park to Old Forge Picnic Ground, PA

Hiking south on the AT towards the Maryland-Pennsylvania border, we will be in dense forest and climb fairly steeply. This hike involves a group shuttle to the start, so advance notice is required, and we ask you notify us if your plans change. We will meet at Pen Mar Park parking lot and carpool to the beginning of the hike. The hike is suitable for those in moderate or good shape able to handle a rugged trail for several hours. There is no charge, but donations are welcome.

Distance/ 7.5 miles

Difficulty: MODERATELY DIFFICULT

Duration: 4.5 hours

Bring: Plenty of v

Plenty of water and a sack lunch. Hiking poles or a walking stick may be helpful. Dress appropriately for summer heat, sun, and possibly

rain.

Meet: 10 a.m. Penn Mar Park parking lot,

14600 Pen Mar High Rock Rd., Highfield-Cascade, MD 21719

Leader: Chris Craig

ccraig@laurellodge.com

304-433-1260

Nearest town: Highfield-Cascade, MD

Cancellation We will carry on in light rain but policy: cancel if storms are expected.

Saturday, August 10, 2024

DAY HIKE: Buzzard Rock Trail, Northern Virginia

This moderate hike has a total elevation gain of 700 feet. We will be hiking the Wildlife Heritage Trail through the rolling hills and forests of Western Maryland. We should be able to see the forest coming to life after winter and some wildlife as well. This hike is open to anyone able to handle a moderate hike on hilly terrain. There is no charge, but donations are welcome.

Distance/ 4 miles
Difficulty: DIFFICULT
Duration: 3 hours

Bring: Water, snacks, and footwear

appropriate for the conditions.

Meet: 10 a.m. Buzzard Rock parking lot, Mountain Road (VA 619), Lake

Frederick, VA

Leader: Ken Kendall

kekendall65@gmail.com

304-433-9537

Nearest town: Front Royal and Strasburg, VA

Cancellation We will cancel for heavy downpours

policy: or thunderstorms.

Sunday, August 25, 2024

DAY HIKE: White Oak Canyon/Cedar Run, Shenandoah National Park

This is a loop hike in Shenandoah National Park with five major waterfalls and numerous smaller cascades and pools. The elevation gain is 2,450 ft. It is open to those able to hike on hilly terrain. There is no charge for this hike, but donations are welcome.

Distance/ 8 miles

Difficulty: MODERATLEY DIFFICULT

Duration: 5 hours

Bring: Plenty of water, a sack lunch, and

possibly snacks as well.

Additional Information: Admission to Shenandoah NP requires National Park passes or a fee (\$15/person, \$30/vehicle with up to 8 people)

Meet: 9 a.m. White Oak Trail parking

area, Weakley Hollow Rd. (38.53927, -78.34935)

Leader: Tammy Vincent

tammy.vincent.id@gmail.com

208-866-8422

Nearest town: Etlan, VA

Cancellation We will carry on in light rain but

policy: cancel if downpours or thunderstorms are expected.

thanderstorms are expected.



Left and above: The WV Chapter's newest outings leader, Chrissy Sandy (above left) after leading her inaugural hike in April at Stonewall Resort, Roanoke, WV. Six Sierrans participated on a day when flooded and muddy trails after recent storms made some detours and a little bushwacking necessary. But they were rewarded with a beautiful day and lots of early signs of spring. PHOTO BY CHRIS CRAIG



CORRIDOR H REROUTE | CONTINUED FROM PAGE 1

decisions, and points out opportunities for the public to take action on behalf of each listed river." (Last year, the Ohio River made the list as the second-most-endangered river in the country, because of the train derailment in East Palestine, Ohio.)

The idea for Corridor H began in the 1930s when Benton McKay, who conceived of the Appalachian Trail, suggested a network of highways throughout Appalachia. This evolved into the Appalachian Regional

Development Act in 1965 and the creation of the Appalachian Development Highway System. Corridor H would be one of six routes planned for and ultimately built in West Virginia. Most of these routes were expansions of existing U.S. highways. (Corridor E, following US 40, was built to freeway standards and became I-68 in 1991.) The intention was to connect the remote areas of Appalachia to the Interstate Highway system and link communities within the region.

The original route planned for Corridor H was to widen US 33 from I-79 east to Elkins and continue on through Seneca Rocks (!!!) to I-81 at New Market, VA or, alternatively, north from

Seneca Rocks to Moorefield, and then east to I-81 at Strasburg, VA. Environmental groups protested these routes, and the project stalled as funding issues caused the state to shelve the project until 1990, when Senator Byrd procured federal highway dollars. A new study devised another route for Corridor H, running northeast from Elkins to Parsons and from there to Davis, then heading east to I-81 at Strasburg, even though Virginia said they had no intention of completing the highway from the state line to I-81. Corridor H would be then, as now, a road to nowhere.

In the mid 90s, a citizen action group called Corridor H Alternatives (CHA) fought the proposed route via many lawsuits. A compromise came in 1999 that broke the 100 miles left to be constructed into nine segments. The CHA would in turn waive the right to bring future lawsuits seeking further study of any alternative that did not include completing Corridor H as a continuous four-lane highway.

As of today, only the nine-mile stretch from Davis to Parsons remains

to be permitted and built. Due to pressure from the Go North Alliance, the WV Department of Highway (DOH), the final decision-maker for the route, is now considering an alternative route that would loop north of Thomas, rather than the route that bisects Thomas and Davis. We hope that the listing of the river as critically endangered puts national pressure on the DOH to make this move north. Or, ideally, to scrap the project altogether.

This last stretch of Corridor H will cost between \$24 to \$50 million a mile to build. The primary purpose of the road is commercial. The Corridor H website https://youtu.be/EFexGOjNfJg shows semi trailers hauling double-stacked containers along this highway

while our politicians say how wonderful this will be for our state. So much of West Virginia has already been devastated by fossil fuel extraction. Who really benefits from this road to nowhere that will destroy one of the last beautiful areas left? Like pipelines, fracking, and mountaintop removal, this last stretch of Corridor H will just be another form of exploitation, masquerading as a benefit.

Make your voice heard! Go to <u>americanrivers.org/blackwaterriver2024</u> and scroll to the Blackwater River link to submit comments.

"This last stretch of Corridor H will cost between \$24 to \$50 million a mile to build."



Ensure your environmental legacy by naming Sierra Club or your favorite Sierra Club Chapter in your will or trust. These gifts cost you nothing now. You can hold on to your assets for as long as you need them and you can change your beneficiaries at any time.

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Join Us October 4 - 6, 2024

This October 4-6, the WV Chapter is hosting SierraFest 2024 at Cedar Lakes Conference Center, near Ripley. We hope to have activities that appeal to a wide range of ages and interests, and there's a good chance Sierra Club's Executive Director, Ben Jealous, will visit on Sunday. Along with workshops, hikes, and a prominent keynote speaker, we expect to provide supervised, child-friendly activities on Saturday. Make plans to stay for the whole weekend or come for the day. Either way, we'd love to see you!

On the reverse, you'll see a survey to gauge your interest in various activities and potential food and lodging options. It would help us with planning to get an early idea of how many folks might be interested in coming and what your preferences might be. Feel free to suggest additional topics you would enjoy or tell us of any special accommodations you might need (e.g., dietary, physical, financial). The final schedule and a reservation form will be published in the Fall *Sierran* and made available online by mid-summer at sierraclub.org/west-virginia.

online by mid-summer at sierraclub.org/west-virginia.	
Please help us plan for this historic celebration by filling out and returning the Interest Survey either by mail, email to candice.k.elliott@gmail.com or online: https://bit.ly/WVSierraFest2024-Interest	
FOLD HERE	
Sierra Club West Virginia	
SierraFest 2024 Survey PO Box 4142	
Morgantown, WV 26504-4142	

FOLD HERE

NAME OF PERSON FILLING OUT THIS FORM:		What days will you attend?
		☐ Friday, Oct 4, evening
		☐ Saturday, Oct 5
BEST CONTACT EMAIL:		□ Sunday, Oct 6, morning
CONTACT PHONE (OPTIONAL):		
HOW MANY OTHER ADULTS MIGHT ATTEND W	/ITH YOU? (PLEASE INCLUDE NAMES.)	
		LODGING Please indicate what type of lodging you or your
-		group might want for each night you plan to stay:
Will you be bringing any children?	Would you want to sign them up for supervised child-friendly activities on Saturday?	FRIDAY Night Options
☐ Yes ☐ No ☐ Maybe	☐ Yes ☐ No ☐ Maybe	☐ Bunk in a 10-bed dormitory, with shared
If Yes (or maybe), what are their ages?	Lifes Lino Limaybe	bathroom (\$15/bunk for the weekend)
		☐ Private room with 2 double beds, in a
		cabin with shared bathrooms (\$75/night)
		□ Private room w/ 2 double beds, private bath, WiFi, and other amenities (\$95/night)
FOOD		☐ I will make my own lodging arrangements
Please indicate which meals you would be interes	9	SATURDAY Night Options
(Note: Prices are tentative; actual costs are yet to	b be determined.)	☐ Bunk in a 10-bed dormitory, with shared
Which meals are you or your group likely	Dietary Restrictions	bathroom (\$15/bunk for the weekend).
to purchase? □ FRIDAY: pizza, snacks, soft drinks	☐ None	☐ Private room with 2 double beds, in a
(\$3/person)	☐ Vegetarian	cabin with shared bathrooms (\$75/night).
☐ SATURDAY : Breakfast buffet	□ Vegan	Private room w/ 2 double beds, private bath, WiFi, and other amenities (\$95/night)
(\$8/adult, \$5/child under 10)	☐ Kosher	☐ I will make my own lodging arrangements.
□ SATURDAY – Cookout and picnic	☐ Gluten-Free ☐ Other:	☐ Other Comments:
(\$10/adult, \$7/child under 10)	□ Other:	
□ SATURDAY – Dinner Banquet (\$15/adult, \$10/child under 10)		
□ SUNDAY – Breakfast buffet (\$8/adult, \$5/child under 10)		
☐ We will provide our own food		
□ Other:		
ACTIVITIES		······································
Please check all activities that you or your group	would be interested in attending:	
Possible FRIDAY evening activities		Possible SUNDAY activities
☐ Square dance with old-time music	☐ Mingle and network with others	☐ Conversation with Sierra Club Executive
☐ Family-friendly ice-breaker games	☐ Look at posters about West Virginia	Director, Ben Jealous
	Chapter history and activism	☐ Round table discussion to share local environmental issues with Sierra Club
Possible SATURDAY workshops and activitie	25	leaders
☐ Learn how the WV Chapter got its start	☐ Fall wildflower walk (~1 hour, easy)	☐ Environmental justice
and what we've accomplished in 40 years	☐ Nature hike (~2 hours, moderate)	☐ Tour local sites of interest (e.g., chemical
$\ \square$ Hands-on testing for water quality	☐ Keynote speaker (possibly Sierra Club	plant, hydrogen hub, gas wells, etc.)
☐ Hands-on testing for gas well leaks	Executive Director, Ben Jealous)	☐ Other:
☐ How to recruit and organize volunteers☐ What can Sierra Club WV do for you? Share	☐ Awards ceremony to recognize WV Chapter volunteers or community	
environmental issues important to you	leaders who have furthered Sierra Club's	
☐ Nature photography with your phone	mission (nominations are welcome)	
☐ Journaling for relaxation or pleasure	□ Candidates forum: Meet and greet with state/local candidates before the	
☐ Making art from nature	election	
☐ Forest bathing / eco-therapy	☐ Other:	



SUMMER 2024

Help Us Plan SierraFest 2024! Complete the Survey insert or online at https://bit.ly/WVSierraFest2024-Interest





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Chapter ExComm Meeting

The next meeting of the WV Chapter of Sierra
Club Executive Committee will be
held in the Parkersburg area with an
option for remote participation

10 am - 4 pm, Saturday, July 20, 2024

Email Jim Kotcon at jkotcon@gmail.com for time and location details or for a zoom link.

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Annual membership dues of \$25 or more include \$7.50 for a one-year print subscription to Sierra magazine and \$1.00 for your chapter newsletter.	LIFE	□\$1,000	□\$1,250	
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