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Goal: Clean water for the whole state

Charleston chemical spill spawns new generation of organizers

Angie Rosser and Chuck Wyrstok

On January 9, 2014, the Freedom Industries chemical leak of MCHM into the Elk River left 300,000 West Virginians unsure about the safety of their water, caused anger and confusion among Charleston area residents and businesses, and sent over 400 people to the hospital.

Community Response

Community reaction has been swift. What began as a tragic pollution event has resulted in an unprecedented response from large numbers of area residents. The spill has sparked an incredible, organic citizen-led relief and organizing effort that has inspired the formation of new organizations, tapped into the experience and skills of standing groups, and opened a new conversation about what is possible for the future of our state.

Sadly, this preventable defiling of our resources once again highlights the long history of our state government has of peddling the false premise that we have to choose between well-paying jobs and a safe place to live. Ironically, the spill affected industry by paralyzing it for a time. Talk about bad behavior coming back to bite you in the butt. The lesson? Sure, we need jobs, but obviously bad water trumps jobs.

The silver lining may be that this crisis has become a driving force to bring together groups who have built real political power through successful organizing, who have a history of taking on important issues together, and to integrate new groups and newly activated citizens into a broad-based movement supporting a clean water agenda for all of West Virginia. This shocking event has finally brought home to the state capitol the fact that people all over the state, in the coalfields and in the gas and oil drilling regions, have been suffering a similar fate for decades.

Preliminary Organizing Efforts

Immediately after the chemical leak, affected people spontaneously began organizing community meetings seeking answers. WV Rivers Coalition, Sierra Club, WV Citizen Action Group, Ohio Valley Environmental Coalition and others attended those early meetings to listen to people's concerns, connect them with resources and offer constructive actions. At the same time, organized groups came together to share information to execute a rapid response to the crisis and commit to the goal of cohesive and inclusive organizing efforts. The two parallel organizing efforts soon blended into a diverse array of organizations

and individuals that convened a "Water Crisis Roundtable".

This Roundtable has met several times over the past months to put the crisis in the context of a larger clean water agenda and take actions needed for comprehensive water policy reforms.

Overall Vision

The goal is to facilitate a culture shift and systems change that supports clean water and healthier ways of doing business in West Virginia by creating a network of newly engaged citizens and equipping them with tools to make real change in their communities.

Based on the values of inclusivity, collaboration, support, exchange of information, and community driven action, the Roundtable will work toward recognition of clean safe water as a basic human right that is necessary for individual, community, and economic health and to assure that a key role of government must be to assure access to clean, safe water.

All West Virginians deserve clean and safe neighborhoods, schools, and workplaces. All West Virginians deserve a seat at the table in determining the future of the health of their communities and workplaces. All West Virginians deserve access to the means to hold their government accountable.

This issue cannot get swept under the rug. In the words of Paul Sheridan, one of the Roundtables' participants,

"Is it wildly idealistic to think it might be possible to get the larger Charleston community, and maybe beyond, to take this event as a challenge to rise above it, and to "write another chapter" onto the existing story, which becomes the most compelling part of the story? Would it be possible to look back on this spill from 10 years out and see the event as marking the beginning of a path that led us to become a model of drinking water safety?"

"Some communities are able to take charge of their community's narrative in a different way --make "the story" more about how the community responds than about the tragedy. They write another chapter, which becomes the real story."

The Roundtable will convene three day-long strategic planning sessions over the next three months. To get involved with ongoing communication, collaboration and

coordination so this diverse group can continue its vision, contact Angie Rosser at arosser@wvivers.org or Chuck Wyrstok at outreach@marcellus-wv.com

"Despite the best efforts of the company and government many people no longer view their tap water as safe and are continuing to demand bottled water to meet their potable water needs," the governor wrote to FEMA Regional Director MaryAnn Tierney. "It is impossible to predict when this will change, if ever." wrote the Charleston Gazette.

We see a more positive future, governor. This is a human rights issue.

Maybe "the company and government" need to get out of the way and let the people create the future.

2014 Legislative wrap-up

Jim Kotcon, Chapter Political Chair

We started the 2014 session with grave concerns about our ability to influence legislation. The 2013 session was the most anti-environmental session in decades, and most of those legislators were back in 2014.

The Governor's tone in the State of the State address was also anti-environmental. He proposed no new initiatives, and spent much of the speech defending the coal industry and railing against EPA over-reach.

The next day, the news was filled with stories about the leak of MCHM from Freedom Industries tanks into the Elk River. By Friday, a "Do Not Use" order was in effect for Charleston drinking water, and the Legislature went home as the Capitol Building itself was affected.

The remainder of the session was dominated by water protection legislation, much to the chagrin of industry lobbyists who were counting on more efforts to weaken environmental rules. Dozens of affected citizens turned out to lobby for stronger environmental rules, and the generally lax enforcement by WV-DEP was soundly criticized. Some of our environmental priorities were delayed or killed, and a few bad bills passed in spite of our efforts, but a surprising number of good initiatives were adopted.

SB 373. The Water Resources Protection Act

Variouly called the "Spill Bill" or the AST bill (Aboveground Storage Tanks), this bill was the Legislature's response to the spill. An early draft passed the State Senate only 19 days after the spill, but was widely criticized for the number of exemptions and loopholes written into the bill. The House referred the bill to three committees, normally



Legislative wrap-up, page 2

Legislative wrap-up, from page 1

the “kiss of death” for legislation. But the Health Committee added a number of strengthening amendments, more were added in House Judiciary, and floor amendments further strengthened the bill. Overall, this bill requires permits for large ASTs, along with inspections and various reporting requirements. The bill also includes requirements for medical monitoring of citizens affected by the contaminated drinking water, and requires utilities to adopt Source Water Protection Plans. Perhaps the most important remaining flaw is that the bill still relies on WV-DEP for enforcement, and lacks strong citizen suit provisions. The bill passed both the House and Senate unanimously, and was signed into law by Governor Earl Ray Tomblin on April 1, 2014.

HB 2803. Integrated Resource Planning

This bill requires electric utilities to develop electricity generation plans that include consideration of energy efficiency as a resource to meet consumer needs. No longer will electricity planning be limited to building ever-more generating plants. Most studies show that energy efficiency can meet consumer needs more quickly, at lower cost, and create thousands of new jobs. We have sought such energy efficiency legislation for many years, and this is a significant step forward. But, a last minute addition delays implementation until 2016, and WV utilities have been working overtime to acquire generating plants this year.

SB 461. The Future Fund

This is an important concept for a state dependent on nonrenewable resources. The bill requires that a portion of coal and gas severance taxes be placed in a “Future Fund”. The Fund would earn interest, and provide resources for future generations to pay for education, infrastructure, and economic development. This is a way to provide a financial benefit in the future for today’s depletion of fossil fuels. But the final version of the bill is a mixed bag, as legislators concerned about budget deficits included provisions requiring a budget surplus before any money would be added to the Future Fund. It may be several years before the state budget is in shape to allow any deposits in the Future Fund.

SB 133. DEP rules and the Aluminum Standard

Legislation to adopt agency rules is normally very mundane and technical, but proposed changes to the water quality standards for aluminum would dramatically weaken water quality standards. Although the bill passed the Senate Natural Resources Committee, outraged citizens flooded Senators phone lines, urging that the water quality standards not be weakened. Eventually, the Senate decided that, in the

wake of the Elk River spill, 2014 was not a good year to weaken water quality standards, and the aluminum provisions were dropped from the final bill. This was one of our highest priorities before the session, and it was another significant victory.

The Bad News

HB 4411. The Landfill bill

Legislation adopted almost a quarter century ago placed a cap on the size of municipal waste landfills, preventing a flood of out-of-state garbage from coming to West Virginia. The bill had its ups and downs, but was generally effective. But with Marcellus gas drilling expanding, and rules prohibiting on-site disposal of drill cuttings and drilling mud, gas companies were looking for landfills to serve as the final repository. Unfortunately, municipal waste landfills are not designed to handle hazardous and radioactive materials. Nevertheless, WV-DEP proposed legislation to waive tonnage limits and allow landfills to accept unlimited amounts of drilling wastes. While some amendments added monitoring requirements and will require further rule making, this was a bad bill and should not have passed. Nevertheless, it did pass, and we will want to push for stronger rules as it is implemented.

HB 4346. Standards for Carbon Dioxide Emissions from Power Plants

This bill mandates that DEP develop standards for emissions of carbon dioxide for coal and gas-fired power plants. Such standards were apparently intended to pre-empt pending EPA rules, and are supposed to be as “flexible” as possible, and prevent “fuel switching” as a means to meet the standards. However, the bill certainly mandates such standards, even though no federal requirement has yet been proposed. We will want to watch how these rules develop too.

What You Can Do

Be prepared to write letters and send comments on rules for the Water Resource Protection, Landfills, and Carbon Dioxide Standards bills. These are likely to face public hearings in late June or July, and we will need to demand the strongest practicable rules.

Also, contact your local water utility to provide input on Source Water Protection Plans in your community. It is YOUR drinking water at stake!

Most importantly, check out how your legislators voted this session, and help out our friends in the upcoming elections. Contact Jim Kotcon for the latest legislative scorecard at jkotcon@gmail.com.

Harrison County citizens make progress on energy efficiency

Laura Yokochi

Politicians and local officials seldom find a way to make everyone happy, but energy efficiency planning is one way to do just that. Local governments can enter into multi-year performance contracts with energy service companies. Financing can be structured so that improvements and repairs to buildings can be paid for out of the energy savings. Money is saved, local jobs are created, pollution is reduced and officials can be proud to have served their constituents.

The first step is an energy audit that identifies energy waste and ways to improve efficiency and save money. The Harrison County Commission has begun this process. On March 27, commissioners passed a motion directing the county administrator to investigate the best way to do an energy efficiency audit and then report back to them in two weeks. This small step was the result of several weeks planning and preparation by our newly formed Harrison Energy Efficiency Team.

Two members (my daughter, Kari, and I) made a presentation to the Commission promoting the benefits of energy efficiency and requesting that they take action. To

support our case, we gave examples of other cities, counties and school systems that had already begun saving money with comprehensive energy plans. We then specifically asked the Commission to take the following actions: give the county administrator authorization to proceed, solicit bids for an energy audit, consider a comprehensive performance contract, and develop an energy plan.

We could not have accomplished this without the knowledge and experience of our WV Chapter members. We are especially grateful to Danny Chiotos, Sierra Club EE organizer, who spent many hours on the phone with us giving encouragement and advice.

Harrison County residents interested in promoting energy efficiency are encouraged to join our team.

For information about our activities, call Kari Yokochi at 304-695-1523.

Or find the *Clarksburg Exponent-Telegram* article that includes information about our presentation and the Commission’s decision: theet.com/news/local/harrison-commission-ok-s---fiscal-year-budget/article_005d3840-b5f3-11e3-927f-001a4bcf887a.html

DEP Oil & Gas and Air Quality divisions at odds

Beth Little

An incident of air emissions from a gas-drilling site in Tyler County became serious when a family was forced out of their home by the fumes. Jay Bee Lisby, a smaller drilling company, had no permit for its six storage tanks used to collect natural gas liquids; and they were spewing gas vapors into the air.

This went on for six days, with repeated messages and phone calls pleading for someone from the DEP to respond. Residents were alarmed and called 911 because there had been a previous explosion and numerous spills at the site. There is a tape recording of the actual audio dispatch conversation among EMT, volunteer firemen and other first responders, all of whom complained about getting sick and having headaches at a quarter mile from the well pad. They were threatened with arrest, if they came on the property, by what they described as uncooperative personnel at the well site.

When a message was sent to the local DEP Office of Oil and Gas (OOG) inspector with a copy of the recording to validate the fumes causing headaches, he responded in a message full of misspellings and grammatical errors, saying that sending him recordings was wasting his time, that the only thing he needed to address their concerns was for a formal complaint to be filed with the OOG in Charleston. There was no acknowledgement of the fumes,

just a curt “they have 7 months to have it (the site of the fumes) reclaimed and it has been entirely to (sic) wet to try to reclaim it so far this year but it will get done as soon as the weather breaks!”

He also stated that “when it comes to oil and gas locations, oil and gas inspectors are the only people that have jurisdiction.”

But, lo and behold, on the 7th day, a notice of violation (NOV) was issued by the WVDEP Division of Air Quality (DAQ) for constructing without a permit, asking for a written response from the company within 30 days.

(Note: This is reminiscent of the flaring at a well site in Nicholas County that went on for months and months. The OOG inspector had told the driller that they didn’t need a permit to flare, but it turned out they were supposed to get one from the Division of Air Quality; and, furthermore, they had already been flaring longer than the legal limit.)

At the Jay Bee Lisby site, DAQ found that because the six storage tanks at the site were used to collect natural gas liquids and can produce vapors, air quality permits are required. The inspectors determined that the likely cause of the odor was a nighttime inversion created by atmospheric conditions that trapped the gas vapors coming from the tanks. This is in a narrow valley where the well pad is within 1,000 feet of the residence.

Meanwhile, while the driller has 30 days to come up with a plan to address the violation, the residents have had to leave their home.





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Make a quick and easy donation from the Chapter's home page: westvirginia.sierraclub.org

Book Review

Spillover: Animal Infections and the Next Human Pandemic by David Quammen

Richard Mier, Martinsburg, WV

Confronting all of life's myriad complexities is draining. If you've read the paper or watched the news recently, I'm sure you'll agree. Global warming, violence, poverty, and flesh-eating bacteria are only a few of the possible sources of sleep-ending worry and that's not counting asteroids, the federal debt, political nonsense and the emerald ash borer. In order to avoid paralysis, I've lately tried to limit myself to one worry at a time. No simultaneous worry multi-tasking.

Or rather, I did, until I read David Quammen's new book, "Spillover: Animal Infections and the Next Human Pandemic." It's impossible to limit your dark thoughts to either emerging zoonoses or environmental degradation after reading this "timely and terrifying" (*New York Times*) and compulsively compiled review of where we are with Ebola, Hendra, SARS, Lyme Disease, Nipah HIV, and influenza, among others. Where we are, as you will learn, is on the brink. All of these are zoonoses, diseases that humans catch from animals. And though he doesn't make this claim, it's hard not to feel that as we increasingly invade their territory and degrade their environment, as we catch them and eat them, we become more and more likely to be exposed to, and eventually contract, infections that they harbor.

Despite the chilling nature of the subject matter, this is a great read. Quammen is one of our best science and nature writers. "Spillover" was short-listed for the PEN/E.O. Wilson Literary Science Writing Award as well as the Carnegie Medal for Excellence in Nonfiction. His style is engaging and informal and he's a wonderful storyteller. Before you even realize it, you know all about reservoir hosts, transmissibility, bush meat, and why deer have gotten a bum rap for Lyme disease. He takes you all over the world, not just Africa but Australia, Hong Kong and Connecticut. Every chapter tells a different story and often each begins, perhaps not surprisingly, in the past, sometimes the distant past. The chapter on how HIV spilled over into the human population in the early years of the 20th century is worth the price of the book by itself.

He creatively confronts our human tendency to think of the natural world, including the dangerous parts, as something out there. He leads the reader to understand that the dance we are having with all of the other living organisms we share the world with (even the ones a little less than "living," such as viruses) is not something that we can sit out. Between 50-100 million died of influenza in 1918, and 36 million people, so far, have died of AIDS. "The Next Big One" could be worse. Knowledge is power and preparation is mandatory. Confront your fears and read this book.

How to explain to a nonbeliever why climate change is due to the increasing temperature of the earth

John Bird, Johnbird@frontier.com

Over the years, I have followed the scientific global warming discourse as a scientist. In speaking to those without science background, I've had to explain how increasing carbon dioxide in the air results in an increase in Earth's temperature. I've often found it useful to explain global warming by analogy.

To show how Earth is heating up, I ask those who do not believe in global warming a simple question. "If on a warm summer day you are neither too hot nor too cold, and I give you a heavy coat, hat and gloves to put on, what happens?" The answer is, "That would make me hot." "But why would that make you hot?" I ask. This question sometimes results in a blank look.

I then explain that the body generates heat and that heat must escape, or else your temperature will increase to fatal levels. The coat, hat and gloves insulate and slow down heat loss, making you hot. Your higher temperature causes more heat to flow through the insulation (the clothing). At this higher body temperature, the heat you generate escapes and your temperature stops increasing. But you become very hot.

Earth's insulation (its coat) is carbon dioxide (CO₂) and water vapor in the air. Adding CO₂ increases the coat's thickness. Just as you heat up with a thicker coat, Earth heats up with more carbon dioxide.

Earth's natural CO₂ concentration, which has hovered around 280 ppm (parts per million) for thousands of years, warms the average temperature by about 57°F, making human life possible. Without CO₂, the average temperature would be about 0°F. The northern

and southern oceans would freeze to some great depth and the temperature even at the equator might not support human survival.

Around 1800 AD, humans started putting significant amounts of CO₂ into the air. As Earth's coat thickens with increasing CO₂, it becomes harder for Earth to radiate heat absorbed from the sun. Earth's temperature must rise before it can radiate the excess heat. By 2013, CO₂ concentration reached almost 400 ppm causing the average temperature to rise more than 1°F. At the present increasing rate, CO₂ will double by mid-century to about 560 ppm. This will necessarily raise Earth's temperature.

How much the temperature will rise is the subject of scientific debate. The temperature increase from doubling CO₂ (in this case from 280 ppm to 560 ppm) is called climate sensitivity. The best estimates for climate sensitivity range between 2.7°F to 8.1°F. At 2.7°F increase in Earth's average temperature will be bad, but an increase of 8.1°F would certainly bring catastrophe. Temperature increase does not simply mean that, say, instead of -8°F this winter, we'd have had 0°F (wouldn't that have been nice). Unfortunately, a rise in average temperatures disrupts weather patterns, as we are learning. Rising temperatures result in extreme catastrophic weather events such as droughts, flooding, heat waves, storms, tornadoes, and stronger hurricanes.

In other words, global warming does not bring a tropical paradise. The colder winter here means that "our" heat went somewhere else. Last December, a heat wave in Siberia brought temperatures of 20-40 degrees above average, and rain but little to no snow. Unusual weather will be the new normal.

View from the Chair

— Jim Sconyers, Chapter Chair

Slash & Burn, Plunder & Pillage

West Virginia's story in a nutshell (with apologies to WV Public Radio).

Slash and Burn, Plunder and Pillage

That's my nomination for the new state motto. Let me tell you why.

Part the First: The Forest

In the beginning was the forest. And it was good. All was harmony. Birds tweeted, fish frolicked, bobcats purred, trees grew to mighty size and died an honorable, dignified death. Native peoples lived simply, keeping their carbon footprints small.

Then one day — oops! — some of those ambitious, enterprising European immigrants finally made it over the daunting ridges and rivers and discovered — voila! — a lucrative natural resource: Wood!

Following close on their heels came the resource-royalty-to-be: The Timber Barons. Stepping into the woods among the peons briefly, they took one look and exclaimed "OMG! I thought it was a fairytale, but we will make it true — Yes Virginia, money DOES grow on trees!"

And all set to work assiduously. Buzz buzz, hack hack, choo choo, TIMBEEERR! Soon, their self-appointed mission was accomplished. Borrowing a concept in advance, no tree was left behind. In fact, the entire state was denuded. At the annual baronial banquet, many high-fives were heartily exchanged. "We did it! Three cheers for us!"

Of course the results were predictable. Massive erosion, raging wildfires from the slash left behind. In fact, the fires were so intense and prolonged, in many regions the actual topsoil was burned away. Today we find a few postage stamp remnants — usually overlooked by accident — letting us picture what the majestic old-growth, or virgin, forest once was. These are pathetic curiosities, little museum tableaux.

With these accomplishments behind them, these and other early one-percenters, not ones to rest on their laurels (no laurels were left), looked around, scratched their heads, put puzzled looks on their faces, and wondered aloud: "Dude, what's next?"

Part the Second: Pretty Black Rock

"That's easy. See this pretty black rock?"

"Yeah, so what?"

"It's coal, you moron."

"Oh, it's coal. And why should we barons care about that?"

"Geez, my man — how thick can you get? Remember how the old-timers found out that money grows on trees? Well, now we can dig money out of the ground!"

"Far out — let's get busy!"

And thus was launched a century of rule by King Coal. Like kings of old, King Coal owned vast properties: Coal under their land, coal under other people's land, workers, legislatures, courts, and so much more — it was a Gilded Age! Of course, someone had to do the dirty work, but they were easy to control and keep in their

place — often, with a company house up a holler and subject to eviction at the slightest provocation.

So they dug it, they stripped it, they removed mountains to get at it. Unimaginable quantities of coal and money were exported from within our borders.

When an observer, often an outsider (culturally speaking, we know how untrustworthy and suspicious these meddlers are), might observe that not EVERYONE was doing so hot from this pretty black rock, here's what would be heard:

Some chest-thumping legislator or titan of industry stands up and bellows "We're West Virginians! We're tough!" Looking mystified, said observer turns to advisors. "What did he say?" Said advisors provide a translation. "He said, 'Don't be a crybaby. After a century of fouled water, polluted air, buried streams, poverty, poor health, devastated communities, destroyed landscapes, I would think you would get used to it and recognize this, the new normal. Get over it!'" Observer: "Ah ha — now I get it."

Fine irony: Even as King Coal's domain shrinks, His stranglehold on the people and their "leaders" tightens.



Explosion and fire at a gas plant in Marshall County.

Part the Third: A Case of the Vapors

And then the Barons gave us gas. Not just yer grampa's gas. No, a wondrous new gas — a technological marvel — with a fancy name: the Marcellus. Drillers pursue every molecule — a mile deep? a mile or even two distant? No problem — we can get it! Ain't technology fracking marvelous?

Problems? Hey, everyone has to do his or her part for good jobs (if you emigrate here from Texas or Oklahoma), for clean energy (pay no attention to the leaking methane and carbon dioxide when gas burns), for American energy independence (as corporate America strains at the bit to ship this new gas to Europe and Asia). Water wells and streams poisoned, roads clogged and crumbled, air so bad residents have to move out of their homes from fear of being gassed in their sleep, explosions and furious fires? — these things happen, you have to break a few eggs to make an omelet! Suck it up! If you've got a beef, take it to the regulators (and try not to giggle when you say that).

West Virginia's story: We're a resource state. We're an energy state.

The untold story: We're a sacrifice zone. We CAN become a CLEAN-energy state.

Energy Efficiency Organizing Workshop May 16-18, in Shepherdstown

Amanda Gardner

The 2014 Energy Efficiency Spring Organizing Workshop, sponsored by the West Virginia Chapter, will be held Friday-Sunday, May 16-18, in historic Shepherdstown. Join us in the beautiful Shenandoah Valley and discover the oldest town in West Virginia.

The Chapter's energy efficiency campaign is organizing at the local level with a goal of getting our local governments to implement efficiency measures that will create jobs and lower electric bills. The campaign is also pushing for aggressive energy-efficiency programs from electric utilities to help working families and businesses save energy and money.

This training will be the third training in our highly successful series and will bring together volunteers from around the state to build the organization we need to win efficiency victories. The weekend workshop

is open to West Virginians currently active in local energy efficiency teams, interested in joining teams, interested in starting teams or just plain interested in finding out more.

The focus of the weekend will be on information sharing, networking, and developing collaboration strategies for all of West Virginia's energy-efficiency efforts. There will be workshops, trainings, panels, tours of energy efficiency and solar applications, films and the chance to enjoy Shepherdstown. Some of the topics to be covered include: Community mapping, engaging local governments, and listening to efficiency success stories.

Don't miss this opportunity to meet other energy-efficiency teams and activists.

To register, visit bit.ly/WVSCEESOW, email ms.amandagardner@gmail.com, or call 304-268-4197 for more information.

Looking for "A Few Good Items" for SierraFest 2014 Silent Auction

Regina Hendrix

TIME TO SUPPORT THE CHAPTER'S URGENT WORK ON BEHALF OF WEST VIRGINIANS!

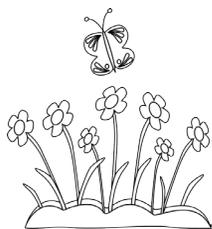
Thanks to the generosity of our friends and members, we've had successful silent auction fundraisers during the past three SierraFests (2010-'12). This year's SierraFest will take place at Blackwater Falls State Park, September 19-21. We need your help to get off to an early start collecting some attractive items to make this auction the best one yet.

For our 2014 event, we are looking for nonperishable food items, sporting goods, nature photography, books, wine, pottery, household or gardening items in good condition and small craft or decorative

items that can be included in the baskets we will put together. If you have baskets to donate, we could use those this year, too. In the past, we've had very popular weekend accommodations offered by our generous friends at the Laurel Lodge in historic Harper's Ferry. Do you know of a local business that might be willing to contribute a coupon for a meal, lodging, etc.? If so, I can send our request letter and info on our tax exemption certification, if they need it.

If you plan to bring something for the auction (or need something to be picked up), please contact Regina Hendrix at 304-725-0223 (home), 304-590-4943 (cell) or regina.hendrix@comcast.net.

See you at Sierra Fest 2014!



MONONGAHELA GROUP

June 12, 6:30-8:30 p.m.

Annual Ice Cream Social at Coopers Rock State Forest

Join members and non-members alike, at Shelter 1, for this annual Mon Group tradition. Bring some food to share and help crank the home-made ice cream that we enjoy eating at the Overlook with its magnificent vista.

Come to learn more about the Sierra Club or just to have a good time with friends.

Please contact the Editor for submission guidelines or advertising rates. Contributions to the newsletter may be sent to the Editor at:

celliot2@comcast.net

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Deadline for July/August issue

June 5

Opinions expressed in the *Mountain State Sierran* are those of the contributors and do not necessarily reflect the opinions of the Sierra Club. This newsletter is published bimonthly by the WV Chapter of the Sierra Club and distributed to all paid members.

Perspectives on Outings

— *Kate Flowers, Guest Columnist*

April in Colorado

Due to my busy work schedule, I've asked my daughter, Kate, to write a guest spot about her outdoor life in the mountains of Colorado. I think it will help all of us appreciate West Virginia springtime a little more.

Kate is a 24-year-old GIS analyst in Breckinridge, CO. She resides in Frisco, CO, and has made the state her home for the past two years. She loves the outdoors and working with kids through outdoor education. She sometimes works weekends as a councilor at a science camp. — Russ Flowers

It is April here in Frisco, CO, yet we aren't getting any "April showers," just snow. It's definitely still winter here, and it makes me miss the warmer, rainier track season of Williamstown, WV.

I can't really go for any jogs, but I'm still getting runs in on my snowboard. It's my second winter in the Rockies, but I still don't know how I feel about not having a spring. Luckily, I've found a few outdoor sports to while away the long, long, cold snowy season.

One of these outdoor winter sports has a huge following up here: Nordic skiing. I finally got my first pair of Nordic skis a few months ago. It's a good way to get around town if we get more than five inches in one dump, but more importantly, my dog, Leia, loves being able to get out and run. She and I do something called ski-jouring where she wears a harness and a long bungee leash that goes around my waist while I ski. She's still not a big fan of my skis, but she will take any reason to run.

I'm one of the saner outdoors-y people that cross-country skis here. There are many who feel perfectly safe skiing across the huge reservoir when it freezes. The tracks make me a little queasy thinking about someone standing on a huge lake of cold, hypothermic water with only a layer of ice between them. It's even scarier when I see people out in the middle of it kite-skiing (skiing with a parachute to pull you along). I'm very content to shuffle slowly up a trail on a thick, powdery layer of soft snow.

My coworker, Brad, competes in long endurance races like the Grand Traverse, a forty mile backcountry course that starts at midnight, and skins (hikes with sticky decals on his skis) up mountains with his wife just to ski back down them. He does this whether it is 34 degrees Fahrenheit outside or negative 5 degrees. I, on the other hand, prefer it be in the double digits at least. There's only so much bundling and layering you can do before I'd rather sit by the fireplace with a book.

I grew up skiing in West Virginia with my family and loved sledding with my friends on snow days. I've learned how to snowboard, Nordic ski, snowshoe, and drive in extreme winter conditions; in a Prius, no less. However, I'm to the point of this long season where I don't want to clean my car off and scrape ice off the windshield most mornings or take the dog out in the blustery evening. I'm ready for the blissful summers here that are sunny with no humidity. I'm ready for softball, backpacking, and biking to work. I just have to be prepared; it sometimes still snows in June.

Save the date!

Sierrafest 2014, Sept. 19-21, at Blackwater Falls State Park

Join us as we celebrate the 50th Anniversary of the Wilderness Act and the 30th Anniversary of the founding of our Chapter. Excellent speakers, including 1st Chapter Chair and mother of "Bidder 70" Chris DeChristopher; lovely new deluxe cabins, opportunities to explore the Canaan Valley area, etc. More details to follow.



With your help we can clean up our water

Sierra Club Water Sentinels are the first line of defense of America's waters. We live on the water planet. However, water is a finite resource with only about 1% of the world's water actually being available for human consumption. Water pollution & over-use are threatening both the quality & quantity of our water resources at an alarming rate.

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Contributions, gifts & dues to Sierra Club are tax deductible; they support our effective, citizen based advocacy and lobbying efforts. Your dues include \$ 7.50 for a subscription to SIERRA magazine and \$ 1.00 for your Chapter newsletter.



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Enclose a check and mail to:
Sierra Club, PO Box 421641
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or visit our website: www.sierraclub.org

Outings — Spring and Summer



2014 marks the 50th anniversary of the Wilderness Act. Watch for outings marked Wild 50, celebrating the pristine wildlands in West Virginia that are protected as Wilderness for posterity.

Sat, May 17

Pointy Knob, Plantation Trail Loop

rated moderate — Join us for this 10.9-mile loop hike with 1,239-foot elevation gain on Canaan Mountain. Attraction includes Canaan's "miniature Otter Creek" along Red Run. Parking limited at starting point along CLR 13 and a short carpooling is recommended from Davis. Expect some muddy trail conditions. Please pre-register with the leader.

Leader: Ann Devine-King, 304-594-2636, atdking@gmail.com

Nearest town: Davis, WV

Web info: blackwaterfalls.com; midatlantichikes.com

Sat, Jun 7

Leisure Float/Paddle: Cheat River

rated easy — We put in at Holly Meadow in Tucker County, for a leisurely float-and-paddle down the Cheat River to St. George. Enjoy the riverine scenery of forest, farm fields, summer wildflowers, possibly wildlife (bald eagle last year), and more, with the mountains as a backdrop. The trip is generally flat water, with a few riffles providing brief excitement here and there. Expect to spend about 4 hours on the river. It is suitable for beginners. Boat rentals are available. Kayaks and sit-on-tops are recommended for their shallow draft. The outing depends on warm weather and adequate water level. Personal flotation devices (lifejackets) are required on Sierra Club watercraft outings. Optional late lunch/snack at local Parsons bistro afterwards. Please pre-register with leader.

Leader: Jim Sconyers, 304-698-9628, jimscon@gmail.com

Nearest towns: St. George & Parsons, WV

Sat, June 14

Patapsco SP, McKeldin Area Loop Hike

rated moderate — This will be a 6-mile moderate loop hike with beautiful trails along the Patapsco River. Meet up at 10:30 AM at the McKeldin Area parking lot. There is a nominal fee for entrance to the park. Please take a few \$1-bills as it is often the honor system. Register with trip leader.

Leader: Pam Peitz, 240-818-655, pspeitz@hotmail.com

Nearest town: Ellicott City, MD

Web info: dnr.state.md.us

Sat, Jun 21

Workshop/Field trip: Birding & Geology

not rated — Join WV Master Naturalists for this fun, interactive, hands-on two part workshop and fieldtrips on Birds/ Birding & Geology at the Ohio River Islands National Wildlife Refuge. The workshop and fieldtrips are free of charge and open to members & nonmembers. Please pre-register with the leader, seating is limited. Bring bag lunch (frig & microwave available). Workshop is from 8:30AM to 4:30PM. Meet at Refuge Headquarters in Williamstown at 8:30AM. Contact the Outing Leader for further directions and questions.

Leader: Russ Flowers, 304-482-7919, russwvu@yahoo.com

Nearest town: Williamstown, WV

Web info: fws.gov/northeast/ohioriverislands



Sat, Jun 21

Summer Solstice Evening Bike Ride

rated moderate — June 21 is the first day of summer, join us for a moderate bike ride along the Morgantown Riverfront. Length of bike ride will depend on the desires of the group, but

dogs are not normally permitted, unless an out- ing is so designated. Minors (under 18 years of age) must be accompanied by a parent or a legal guardian, or they must have both 1) a signed permission slip, and 2) the leader's prior consent to participate in the Club outing. Sierra Club outings officially begin and end at the trailhead.

Travel to the official starting point and back, even from an advertised meeting place, is the sole responsibility of each participant. While the Club encourages car-pooling, such arrangements are strictly between the riders and the drivers, and are not a part of the outing. Participants assume full responsibility and liability for all risks associated with such travel.

All participants on Sierra Club outings are required to sign a standard liability waiver, which can be viewed on the web at www.sierraclub.org/outings/chapter/forms or by calling 415-977-5630.

The Sierra Club does not charge for chap- ter outings, although payment of park entrance fees, a share of campsite rental costs, permit fees, equipment rental charges, etc. may be re- quired from the participants. The Sierra Club practices "leave-no-trace" trail techniques, in- cluding hiking and camping on durable surfaces, minimizing campfire impacts, packing out all trash, respecting wildlife, being considerate of other visitors, and leaving the environment as it was found.

The Sierra Club's California Seller of Travel identification number is CST 2087766-40. Reg- istration as a seller of travel does not constitute approval by the State of California.

expect a ride of about 15-20 miles. Possible Ice Cream stop after the ride. Bring along some water, don't forget your helmet, and make sure your tires are properly inflated. Contact Leader for start time & rendezvous location.

Leader: Aaron Vedock, 540-805-0019, amvedock@hotmail.com

Nearest town: Morgantown, WV

Sat, Jul 12

Workshop/Field trip: Wetlands & Insects

not rated — Join WV Master Naturalists for this fun, interactive, hands-on two part workshop and fieldtrips on Wetlands and Insects at the Ohio River Islands National Wildlife Refuge. The workshop and fieldtrips are free of charge and open to members & nonmembers. Please pre-register with the leader, seating is limited. Bring bag lunch (frig & microwave available). Workshop is from 8:30AM to 4:30PM. Meet at Refuge Headquarters in Williamstown at 8:30AM. Contact the Outing Leader for further directions and questions.

Leader: Russ Flowers, 304-482-7919, russwvu@yahoo.com

Nearest town: Williamstown, WV

Web info: fws.gov/northeast/ohioriverislands

Sat, Jul 26

Moth Night on Blennerhassett Island

not rated — Join WV Master Naturalists for this fun, interactive, hands-on fieldtrip on moths at Blennerhassett Island from 8:30 PM – midnight. The park staff has made arrangements for the ferry to come back for us at midnight. This event should be a lot of fun and exciting. We will set up lights and a blind in order to attract moths. Our aim is to identify as many species as possible. Contact the Outing Leader for further directions and questions.

Leader: Russ Flowers, 304-482-7919, russwvu@yahoo.com

Nearest town: Parkersburg, WV

Web info: blennerhassettislandstatepark.com

Sat, Aug 9

Workshop/Field trip: Nature Interpretation & Trees

not rated — Join WV Master Naturalists for this fun, interactive, hands-on two part workshop and fieldtrips on Nature Interpretation and Trees at the North Bend State Park. The workshop and fieldtrips are free of charge and open to members & nonmembers. Please pre-register with the leader, seating is limited. Contact the Outing Leader for further directions and questions.

Leader: Russ Flowers, 304-482-7919, russwvu@yahoo.com

Nearest town: Williamstown, WV

Web info: northbendsp.com



Sun, Aug 10

Hike: Cranberry Glades and Beartown

rated easy to moderate — The West Virginia Sierra Club and our allies in the West Virginia Wilderness Coalition are advocating for an area centered around the Cranberry Wilderness to become a new national monument. Join us for outings that give a taste of why this area is so special. We will meet at the Cranberry Visitor Center, where we explore the informative exhibits. Then we walk the boardwalk at the fascinating and unique Cranberry Glades, with commentary on the flora and fauna by our guide Beth Little. From there we move to bizarre, mysterious, and funny Beartown, with its convoluted and unique rock formations. Please pre-register with leader.

Leader: Jim Sconyers, 304-698-9628, jimscon@gmail.com

Nearest town: Hillsboro, WV

Web info: birthplaceofrivers.org; beartownstatepark.com; pocahontascountywv.com/cranberry_glades_nature_center.aspx



Sat, Sep 6

Hike: Dolly Sods North

rated moderate — Dolly Sods

North was added to the Dolly Sods Wilderness in 2009. Come and see why! We'll explore the forest, savanna, streams, and the natural and human history. Dolly Sods North is a high alpine landscape with spectacular scenery, encompassing the headwaters of Red Creek. Our trail distance is approximately 6 miles. Grades are generally moderate, and this hike rates as leisure for difficulty and moderate for length. We will keep a leisure pace with numerous stops to "smell the roses." Our route focuses on the more northerly trails in the upper parts of the headlands. Day hiking gear is needed, along with plenty of water, sunscreen, and weather protection. Please pre-register with leader.

Leader: Jim Sconyers, 304-698-9628, jimscon@gmail.com

Nearest town: Harman, WV

Web info: midatlantichikes.com/id188.html

Sat, Sep 13

Workshop/Field trip: Soils & Reptiles/ Amphibians

not rated — Join WV Master Naturalists for this fun, interactive, hands-on two part workshops on Soils and Reptiles/Amphibians Workshops at the North Bend State Park. The workshop and fieldtrips are free of charge and open to members & nonmembers. Please pre-register with the leader, seating is limited. Contact the Outing Leader for further directions and questions.

Leader: Russ Flowers, 304-482-7919, russwvu@yahoo.com

Nearest town: Williamstown, WV

Web info: northbendsp.com

Maryland Chapter Outings

Our neighboring chapter to the east has an active outings program, with many trips coming into West Virginia or western Maryland. These outings, by highly experienced leaders, range from easy to strenuous, and are open to everyone. Join an outing by checking out their calendar at

maryland.sierraclub.org

Allegheny Group Outings

Sierra Club members in the Pittsburgh area belong to the Allegheny Group. They have a moderately active outings program as well as links to other local outdoor activities. Visit their website for an outings calendar and more details at

alleghenysc.org

Potomac Region Outings (PRO)

This is an activity section of the Sierra Club Virginia Chapter, with an extensive outings program run by leaders who live in and around the Washington, D.C., area. A calendar of activities, information and updates can be found on their website at

www.sierrapotomac.org

West Virginia Chapter Outings

For updated listings of outings sponsored by the West Virginia Chapter, check our Chapter website at

westvirginia.sierraclub.org

Abbreviations Used

AMC	Appalachian Mountain Club
AT	Appalachian Trail
GWNF	George Washington National Forest
JNF	Jefferson National Forest
MG	Monongahela Group
MNF	Monongahela National Forest
NPS	National Park Service
NRA	National Recreation Area
NWR	National Wildlife Refuge
PFD	Personal Flotation Device (lifejacket)
SF	State Forest
SP	State Park
SNP	Shenandoah National Park



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email: governor@wvgov.org

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email to WV Legislature:
cglagola@mail.wvnet.edu
(Put name of recipient under subject)

Messages for legislators can be left at:
1-877-565-3447 or 304-347-4836

Mail address:

Member, WV Senate or
House of Delegates
Bldg 1
State Capitol Complex
Charleston, WV 25305

website: www.legis.state.wv.us

has contact information for all state legislators.

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