Get out and vote Big Sky!
Montana election coverage

Rotary Club fills the gap

WMPAC unveils world-class winter lineup

School district harnesses solar for education

explorebigsky.com
ON THE COVER: A view of the red return bullwheel on top of Ramcharger 8, an eight-seat, D-Line chair with ergonomically-shaped, heated seats and a “Big Sky blue” bubble, that is slated to start spinning in mid-December. When completed, the technologically-advanced Dopplemayr lift will transport between 3,200 and 3,600 skiers per hour to the top of Andesite Mountain from the Big Sky Resort base area. Each chair is approximately 15 feet wide by 13 feet tall, and weighs 2,262 pounds. The bullwheel measures 24.28 feet in diameter.  PHOTO COURTESY OF BIG SKY RESORT

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OPENING SHOT

Dr. Phil Hess’ daughter Erin Hess of Bozeman cruises down Mother Lode North at the Copper City Trails network on an epic day of fall mountain biking. A project of the Southwest Montana Mountain Bike Association in partnership with Bureau of Land Management, Copper City Trails is moving into Phase 2 of a plan that calls for 18 miles of bike-optimized trails, open to hikers and trail runners. A fundraiser to support the completion of Phase 2 trail improvements will be held on Nov 10 at MAP Brewing beginning at 4 p.m. PHOTO BY PHIL HESS

Do you want to see your photography in the pages of EBS? Submit a maximum of three images via email to carie@theoutlawpartners.com or use #explorebigsky on social media to be eligible. One photo per issue will be chosen for the opening shot.

CORRECTION: On page 9 of the Oct. 12 issue of EBS, Marin Palmers job title at Big Sky Resort was incorrect. She is the Mountain Operations coordinator.
**GALLATIN PRESERVE**
Spanish Peaks Mountain Club
- 9 Tracks with outstanding views of Lone Peak and Gallatin Range
- SPMC Golf Membership comes with the purchase of property, but not required.
  - Homesites 160 +/- Acres
  - From $3,500,000

**MOUNTAIN LAKE**
Big Sky Mountain Village
- New Construction. Amazing views of Lone Peak.
  - 2 Bed/Flex Rm to 4 Beds | 3-4 Baths
  - 1918-2417 SF
  - From $4,500,000 to $7,79,000

**2005 CHIEF JOSEPH**
Sweetgrass Hills - Big Sky Meadow
- Wine cellar, indoor lap pool & gorgeous trout filled pond.
  - 5 Bedrooms | 5.5 Baths
  - 7,690 SF | 22 +/- Acres
  - $4,800,000

**ELKRIDGE 58**
Spanish Peaks Mountain Club
- Ski-in/Ski-out, Adjacent to Yellowstone Club.
  - 5 Bedrooms | 6 Baths
  - 5,290 SF
  - $5,750,000

**SPRING CREEK RESERVE**
Spanish Peaks Mountain Club
- Mountain setting with spectacular views of Lone Peak and the Spanish Peaks.
  - 27.77 Acres
  - $1,800,000

**180 THOMAS MORAN DRIVE**
Big EZ Estates
- Ultimate Montana home with resident elk and wildlife.
  - Golf Membership to Spanish Peaks available.
  - 4 Bedrooms | 5 Baths
  - 5,209 SF | 20 +/- Acres
  - $3,995,000

**CHARLIE RUSSELL LOOP ROAD**
Big EZ Ranch 2
- In the mix of Yellowstone National Park, Gallatin National Forest, and America’s largest combined ski resorts with spectacular views and abundant wildlife.
  - 37.1 Acres
  - $599,000

**THE HIGHLANDS**
Spanish Peaks Mountain Club
- New Construction
- 4, 5 & 6 Bedroom options
- Ski-in/Ski-out
- From $2,100,000

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Montana Land Reliance was one of four organizations and individuals recognized by Land Trust Alliance, a national land conservation organization, during its annual conference, Rally 2018, in Pittsburgh on Oct. 12.

Headquartered in Helena, Montana Land Reliance received a President’s Award. “Through its work and dedication, Montana Land Reliance has had an incredible impact on conservation in Montana, across the West and the entire nation,” read a Land Trust Alliance press release about the recipients. “It has conserved more than 1 million acres and serves as a prominent advocate for federal conservation-friendly policy.”

Other honorees include the Newtown Forest Association in Newtown, Connecticut; Shirley Heinze Land Trust of Valparaiso, Indiana; and Andy Bicking, director of public policy at Scenic Hudson in Poughkeepsie, New York.

“For 40 years, The Montana Land Reliance has worked with Montana’s landowners to protect over $1 million acres of agricultural lands, fish and wildlife habitat, and open space,” wrote MLR Managing Director Rock Ringling in an email to EBS. “For about that same amount of time, MLR has worked with the Land Trust Alliance to make conservation more accessible for not only Montanans, but also for landowners across the country.”

“This years-long partnership has been one graced with success—over 56 million acres of successful land protection by over 1,300 organizations—thanks to the wonderful leadership that LTA has provided land trusts across the nation, and the leadership Andrew Bowman and Wendy Jackson now bring to the organization. We at MLR so look forward to working with the dedicated staff at LTA to see what the next 40 years of successful partnership brings to the landscape.”

Bozeman Health Foundation launches Charity Care appeal for Big Sky Medical Center

Throughout the next year, Bozeman Health Foundation is committed to raising $120,000 in funds to be made available for patients at Bozeman Health Big Sky Medical Center needing financial assistance with their medical bills.

Bozeman Health Patient Financial Services acts as a patient advocate and works with patients who express concern over their ability to pay for their healthcare needs to provide them with resources and help determine if a patient is eligible for financial assistance. While each patient and their need is carefully attended to in a personalized manner, patients who are eligible for financial assistance have their medical bills greatly reduced, and in some instances, patients will not owe anything.

“We want to ensure that everyone has access to care regardless of their ability to pay, 24 hours a day, seven days a week, 365 days a year. This is about making a difference—a real difference in people’s lives. But in order to make this happen, we need the community’s support,” said Chris Darnell, Big Sky Medical Center administrator.

Big Sky community members Manny and Sue DiMiceli, Mary Grace Wilkus and Thomas Johnston, and Mike and Sue Arneson will match the first $60,000 in gifts toward the $120,000 goal.

Charitable donations received by Bozeman Health Foundation will also help advance its Caring Forward Campaign, with Big Sky Medical Center being one of the campaign’s four fundraising priorities. That campaign has now raised $13.5 million dollars in community support toward its ambitious $15 million goal.

Visit bozemanhealthfoundation.org for more information.

Montana governor sues attorney general over land authority

Montana Gov. Steve Bullock is suing the state’s attorney general over whether the Democratic governor has the authority to unilaterally approve conservation easements.

Bullock’s petition to the Montana Supreme Court challenges Republican Attorney General Tim Fox’s legal opinion that says the state Land Board must approve conservation easements larger than 100 acres (40 hectares) or worth more than $100,000.

Bullock argues in the petition filed Monday that a conservation easement is not a land acquisition, so the board’s approval is not required.

An attorney general’s opinion is binding unless it’s overruled by a judge.

The dispute arose earlier this year after Bullock allowed Fish, Wildlife and Parks to purchase a $6.1 million conservation easement despite the Land Board previously voting to indefinitely delay any action on the land in eastern Montana.

Tobacco company spends $5M more to fight Montana initiative

ASSOCIATED PRESS

A tobacco company has dumped nearly $5 million more into the campaign to defeat a Montana ballot initiative in the final weeks before the Nov. 6 election.

The cash loans and in-kind donations by Altria Client Services reported Monday puts the Marlboro cigarette maker’s total contributions at more than $17 million to defeat the proposed tobacco tax increase.

Campaign finance reports show the ballot committee organized against the tax measure used Altria’s money to buy $3.4 million worth of broadcast, digital and newspaper ads between Oct. 3 and Oct. 13.

The fight over whether to raise the tobacco tax and extend the state’s Medicaid expansion program is one of the most expensive in the state’s history of ballot initiatives.
### Special Events

**Check out our special events!**

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#### Yoga
- **Sunday**: 10:00-11:15am All Levels Yoga  
  5:00-6:00pm Yin Yoga
- **Monday**: 7:30-8:30am All Levels Yoga  
  9:00-10:15 All Levels Yoga  
  5:45-7:00pm All Levels Yoga
- **Tuesday**: 7:30-8:30am All Levels Yoga  
  9:00-10:00am All Levels Yoga  
  5:45-7:00pm Heated Flow
- **Wednesday**: 7:30-8:30am All Levels Yoga  
  9:00-10:15 All Levels Yoga  
  11:00-12:30pm The Practice (Level 2-3 Yoga)  
  4:15-5:15pm All Levels Yoga
- **Thursday**: 7:30-8:30am All Levels Yoga  
  9:00-10:15 All Levels Yoga  
  11:00-12:15pm Power Hour Yoga  
  12:00-1:00pm Power Hour Yoga  
  9:00-10:00am All Levels Vinyasa Flow
- **Friday**: 9:00-10:00am All Levels Yoga
- **Saturday**: 9:00-10:15am All Levels Yoga

#### Massage
- Yoga
- Thai massage
- Individual & Couples Therapy
- Craniosacral Therapy

#### Far-Infrared Sauna
- Ayurveda
- Skin Care

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What resources do you use to keep informed about the upcoming elections?

David Scott  
New York City, NYC  
“I read lots of newspapers. I follow lots of people on Twitter. I watch cable news and I talk to a lot of people about politics. I'm a bit of a political junkie.”

Deirdre Devaney  
New York City, NYC  
“My answer would be the same [as David], except I’m not on Twitter.”

Cameron Sharp  
Big Sky, Montana  
“So lately, I've seen the most political advertisements from Facebook or Hulu. The internet is my short answer. But I'm from Alabama and still registered to vote there, so I pay attention to the candidates and issues there. I don't like to stray too far to either side, so I read reputable sources like the Washington Post or USA Today but not Fox, MSNBC, or the Huffington Post because they lean too far to one side for me.”

Nicole Jones  
Big Sky, Montana  
“All kinds of stuff HBO. There is a series called Pod Saves America where they go around to the states that will matter the most in the upcoming elections: North Dakota, Texas, Florida and dive deep into the issues and what's really at stake. Regionally, the Secretary of State Corey Stapleton released some information about the upcoming election in Montana. I send that to my friends who say they don’t vote. Everybody should vote.”

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From EBS

Thank you Jackie Rainford Corcoran for making Big Sky a healthier place. We wish you the best of luck in Canada!
Big Sky Rotary Club fills the gaps

BY BAY STEPHENS
EBS STAFF WRITER

BIG SKY — For the projects that need to be done, but haven’t been tackled, the Rotary Club of Big Sky has stepped up to the plate, logging an impressive track record in the Big Sky area and around the world.

The club’s 2017/2018 accomplishments stack high, including installing solar-powered 911 emergency call boxes in the Gallatin Canyon; funding a new kayak launch at Moose Creek Campground; providing 18 LeapPads, three bulletin boards and two projectors to Morningstar Learning Center; funding recycle bins for the Music in the Mountains concerts; leading local high school students to Nepal on a mission trip; and funding new digital library books for Ophir Elementary.

A recent project of note is the playground in the new Town Center plaza. Along with the Simkins family and the Yellowstone Club Community Foundation, the Rotary Club raised approximately $90,000 to build a playground in front of the Wilson Hotel. In the spring, they will install rubberized safety surfacing.

“This is a wonderful thing for our community because it’s not only for tourists and visitors, but local children will use it,” Rotary Club president Sam Lightbody said, adding that it will be a relief for parents browsing stands at the summer farmers market or enjoying outdoor concerts.

For a club of approximately 30 members, “We’re getting a lot of work done in our community and we’ve started to do a lot of work internationally,” member Jessie Wiese said.

Beyond U.S. borders, Rotary International has effectively worked to counteract diseases such as Polio. According to Big Sky’s chairman of the Polio Plus campaign, Kathy Bouchard, every dollar raised locally is matched by the Bill and Melinda Gates Foundation, resulting in a big impact. She said there are less than two dozen cases of polio left in the world, largely thanks to Rotary’s involvement.

“We’re so close to eradicating this,” Bouchard said. “Once we conquer [Polio]—and we think it might happen in a year or so—we’ll move on to the next disease.”

With roots that are over 100 years old, the Rotary Club aims to unite individuals from diverse professional backgrounds to build relationships and give back to their own communities. Today, the organization includes 1.2 million members and more than 35,000 clubs worldwide.

The club’s Big Sky chapter began in 2004 when Barbara Maves, a part-time resident actively involved in her Rotary Club in Indiana, decided the mountain town would be a great location for a club. She rallied several locals, including Kirk Dige, a real estate agent and the club’s charter president.

“We’ve come a long way,” Dige said. “We now have funds raised and lots of projects.”

One of the club’s heartwarming initiatives, Rotary Giving Tree, furnishes Christmas gifts to children whose parents who can’t afford them; and provides a Christmas meal. The yearly funds for many of the organization’s local projects come from the annual Gold Raffle and Auction, where they raffle off $2,500 in pure gold. This year’s event will be held on Jan. 25.

The club meets weekly for a tight one-hour meeting in which members socialize, work on projects and listen to various speakers offering educational content. Although interested individuals must be sponsored by a current member in order to join, Dige said they would be able to find a sponsor for appropriate individuals who want to give back to the community. With Big Sky’s transient population, the club is always looking for more members.

Email Rotary Club of Big Sky’s membership chair Laura Seyfang at lauraseyfang@sbcglobal.net to inquire about membership.
Water and Sewer District considers land-water swap with BSCO for rec center, pool

BY BAY STEPHENS
EBS STAFF WRITER

BIG SKY – In response to a proposal by Big Sky Community Organization Executive Director Ciara Wolfe at an Oct. 16 Big Sky Water and Sewer District board meeting, the district will allow a recreation facility in Town Center to connect to the local sewer system in exchange for a land swap, pending final approval.

If the board approves the agreement at its next meeting on Nov. 20, the district will gain a portion of parkland on the east end of the Big Sky Community Park, which is directly adjacent to the district’s water treatment plant. The cost of the plant’s inevitable expansion to meet rising water demands would be considerably less with this land available, avoiding the additional construction that expanding in other directions would require.

“From a business perspective, that land in itself is hundreds of thousands of dollars in construction benefit to the district,” board member Mike DuCuennois said.

In return, BSCO requested 40 SFEs—single-family equivalents—20 of which would be used for a recreation facility and park bathrooms on the 3.27-acre parcel in Town Center that the nonprofit is currently under contract to purchase. The Big Sky Community Organization requested the other 20 SFEs be set aside for an aquatic center, for which funds and land will eventually be procured.

Although the pool facility was an initial sticking point for the board, they came around to support the proposal, requesting that BSCO draft a purchase and sale agreement.

After trails, a public recreation facility was the highest priority item that Big Sky residents want to see realized, according to a community-wide survey that BSCO conducted two years ago. The organization has since raised $2 million to purchase the land encompassing Town Center park and the adjacent parking lot, which they determined was an ideal location for a rec center.

Aside from the school and the water and sewer district meeting room where the meeting was held, “there is not a single other location that is publicly available for use—owned by a public entity—in our community that has indoor space,” Wolfe said. “And we have well over six months of winter.”

Wolfe said the area’s many nonprofits would use the facility, and that through sustainable building practices such as LEED, the center would be good way to showcase Big Sky’s environmental ethics, sometimes overshadowed by the area’s growth.

The district board and BSCO agreed to view this transaction as a partnership in the interest of the community. Board President Paul “Packy” Cronin said the final review of the pool facility proposal would be for compliance and capacity, indicating that, if BSCO found the funding and site for the pool facility, the district would award the reserved SFEs. The review and official decision on the permits for both projects will be made at the Nov. 20 district board meeting.
School district tech summit gives educators fodder for new ways to teach

In lieu of the MEA-MFT Educators’ Conference that Big Sky’s teachers would have attended Oct. 18-19, the Big Sky School District hosted their own Global Tech Summit, which featured hands-on workshops and keynote speeches revolving around the theme of intentional and mindful learning.

Even though the district didn’t give speakers strict guidelines, technology and design thinking teacher Jeremy Harder said, “there was good symbiosis between the keynote people and the workshops.”

Attendees from various Montana schools and BSSD staff designed a tipi cover in Google Drawing, painted it on canvas and finally assembled the structure. The district’s “maker bus” also debuted with activities such as jewelry making. PHOTOS BY BAY STEPHENS
Big Sky housing trust welcomes new director
Meadowview condominiums continue to develop

BY BAY STEPHENS
EBS STAFF WRITER

BIG SKY – As of Oct. 3, Laura Seyfang will serve as program director of the Human Resource and Development’s Big Sky Community Housing Trust, and work and live in Big Sky.

Tasked with ensuring that strategic plans are implemented for the benefit of area locals faced with housing challenges, Seyfang brings years of for-profit and nonprofit leadership experience to the position.

An engineer by training, she ran automobile factories in the Midwest at General Motors, working as an executive for 17 of her 32 years with the company. After leaving the industry in 2009, she served as the executive director of Dayton, Ohio’s American Red Cross, managing two of the area’s largest homeless shelters where she’d volunteered for years.

Seyfang bought property in Big Sky in 1997 after her first ski trip to the area. She finally retired to the ski town last year and was enjoying retirement when the position with HRDC as Big Sky’s housing program director became available.

“It seems like what life led me to, and I love Big Sky,” Seyfang said. “I want it to be successful. I’ve seen its growth over time. What I also see are the challenges that lack of housing for people who work here have created.”

At the Oct. 18 housing trust meeting, she brought Big Sky Community Housing Trust advisory council members up to speed on the progress of their first subsidized housing project since its inception: the Meadowview property under construction northwest of the Big Sky Community Park.

As development plans solidify, so have more details about the project, including that a total of 52 units of two-bedroom and studio apartments will be available at completion. Although there had been local interest in three-bedroom units, it wasn’t possible to keep them affordable for the project’s target income level.

“It’s a start,” said Hans Williamson, a housing trust advisory council member and general manager of the Yellowstone Club. In time, the council hopes to meet a broader spectrum of housing needs.

As of Oct. 24, concrete was poured for nine units and three were ready for prefabricated walls to be installed. Construction for phase one of the project—which includes 12 duplex units in six buildings, three two-bedroom walkouts and three studios—is on schedule with an estimated completion date of April 2019.

Email Laura Seyfang at lseyfang@thehrdc.org for any information.
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Immaculate home in a quiet neighborhood setting with adjacent open space

Crail Ranch Unit 68
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Saturday 9 a.m. to 5 p.m.
**U.S. House of Representatives Race**

Three candidates vie for Montana’s single voice in the U.S. House of Representatives with Congressman Greg Gianforte defending his year-long tenure in a position that Democrats haven’t won in 24 years.

After his unsuccessful run for governor against Steve Bullock in 2016, Gianforte ran in a special election last year when then-Congressman Ryan Zinke vacated the seat to become President Donald Trump’s Interior Secretary. Gianforte won the race despite his widely publicized assault on a reporter.

Gianforte moved to Bozeman and founded the software company RightNow Technologies in 1997, and his supporters claim this experience in the business sector lends well to balancing a budget and setting priorities.

During his time in office, Gianforte has shown support for tax cuts, raising military spending, limiting congressional terms and reducing federal restrictions on wilderness study areas. His campaign promotes several of Trump’s policies, including building a wall between the U.S. and Mexico and Trump’s appointment of conservative judges to the federal courts.

As reported by the University of Montana Community News Service, during a Missoula rally held at GOP headquarters, Gianforte strongly criticized the Affordable Care Act, also known as Obamacare, saying he would continue to vote to dismantle it, piece by piece if necessary.

Gianforte’s democratic opponent is Kathleen Williams, a three-term legislator also from Bozeman. Unlike Gianforte, Williams supports an expansion of Medicare that allows people ages 55 to 64 to receive coverage. She’s also in favor of gun restrictions that limit high-capacity rifle magazines and military-style assault weapons.

Williams, who has lived in Montana for 24 years, worked for several years as a nonpartisan staffer at the Environmental Quality Council, researching bills related to mining, water and natural resources. She was also a water program manager for Montana Fish, Wildlife and Parks, and in 2010, she won a seat in the Montana legislature where she served three terms.

Since achieving statehood in 1889, Montana has sent one woman to Congress—Jeannette Rankin, a member of the U.S. House of Representatives from 1941 to 1943.

The third candidate for the House of Representatives is Elinor Swanson, a Billings attorney and the Libertarian Party’s vice chairperson. Among Swanson’s top priorities are reducing federal debt and defending individual liberties from state and federal infringement. She supports the repeal of the Affordable Care Act and the legalization of marijuana, while she rejects gun control legislation and establishing a wall along the Mexican border.

According to a recent poll conducted jointly by Montana State University political scientists and the Montana Television Network between Sept. 15 and Oct. 6, the Republican incumbent leads by 7.5 points, while 8.6 percent of those polled were still undecided.

**U.S. Senate Race**

Voters will also have the opportunity to select representation in the Senate, with Democrat Jon Tester’s term up for re-election. Tester, who’s served two six-year terms, took his first victory to the Senate in 2006, winning over incumbent Conrad Burns by just 3,000 votes.

Tester is proud of his Montana heritage. Hailing from Big Sandy, Tester says he fights for rural Montana and is opposed to Trump’s tariff policy that negatively impacts the state’s agricultural producers. His campaign seeks to grow the middle class by empowering unions and increasing federal funding for higher education. He also says he’d like to lower costs of prescription drugs and put pressure on the federal government to provide funding for hospitals, particularly in small communities.

While Tester is a third-generation Montanan, Republican candidate Matt Rosendale moved to eastern Montana from Maryland 16 years ago, where he worked in real estate. Rosendale won a seat for the Montana Legislature in 2010, and after serving as the Majority Leader in the State Senate, he ran for Montana’s State Auditor in 2016 and won.

Rosendale’s campaign message is often tied to national politics and President Trump, who won Montana by more than 20 points in 2016. He supports securing the U.S. border with Mexico by building a wall and says he will fight to strengthen Medicare and Social Security while also seeking to repeal the Affordable Care Act.

The third-party candidate for the Senate race is libertarian Rick Breckenridge, a land surveyor from Proctor, Montana, who ran as a libertarian for the U.S. House two years ago. He says his priorities are less government and less taxation, and he’d like to abolish the Internal Revenue Service as well as the federal Department of Education.

As reported by the MSU-MTN poll, Tester was leading with support from 46.2 percent of voters, with Rosendale close behind at 43.1 percent.

Kathleen Williams, the Democratic nominee in the U.S. House race, addresses supporters during Belgrade’s Fall Harvest Parade on Sept. 15. PHOTO BY ERIC LINDBLAD
While debate swirls over the cost of an initiative to expand Medicaid by raising taxes on Montana tobacco products, questions over the measure’s constitutionality are drawing attention too. Initiative 185 has the support of the American Heart Association, the Montana Hospital Association and Gov. Steve Bullock, who all hope raising the tax on tobacco would help fund an expansion of Medicaid. Opponents include major national tobacco producers and the Montana Republican Party.

I-185 asks voters to increase the taxes on a pack of cigarettes by $2. Additionally, the measure would amend the definition of tobacco products to include e-cigarettes and vaping products. It would raise the tax on all of these products by 33 percent. Supporters expect the initiative, if approved, would raise an additional $74 million a year by 2023.

Some critics predict a lawsuit if the initiative passes, saying I-185 would effectively create a permanent appropriation for Medicaid expansion and, therefore, violate the Montana constitution, which says, “The people may enact laws by initiative on all matters except appropriations of money …”

But that’s not a sure thing, says professor Anthony Johnstone, a former state Solicitor who teaches at the University of Montana’s Alexander Blewett III School of Law. “We have not had cases on this for a long time,” he said. “There is some uncertainty here.”

Johnstone worked in the Montana Attorney General’s office when a similar argument was made about Initiative 149 during the 2004 election. That measure, which voters approved, increased the tax on cigarettes by 140 percent, providing subsidies for small business health insurance plans, veterans’ nursing homes and need-based assistance for prescription drug insurance.

The campaign over I-185 continues to be one of the most expensive on November’s Montana ballot, with spending from backers and foes totaling more than $17 million by late September. Anti-I-185 groups had contributed nearly 72 percent of the total.

I-186’s critics doubt its constitutionality; backers point to 2004 initiative

BY MARTI LIECHTY
COMMUNITY NEWS SERVICE
UM SCHOOL OF JOURNALISM

Visions for Montana’s economy clash in fight over Initiative 186

BY MARTI LIECHTY
COMMUNITY NEWS SERVICE
UM SCHOOL OF JOURNALISM

The controversy over ballot Initiative 186 seems to be about two competing visions for Montana’s future economy, and water quality underlies them both.

The ballot measure, if passed, would amend the state’s 1971 Metal Mine Reclamation Act to provide for an additional $115,000 to $118,000 in annual revenue for Montana’s Department of Environmental Quality. The money would be used to analyze pollution cleanup plans in new mining permits and would not apply to permits approved before Nov. 6.

The initiative supported by the Yes for Responsible Mining coalition is backed by Montana Trout Unlimited, among others.

David Brooks, TU’s executive director and the coalition’s primary spokesperson, said mines are still permitted to leave behind sources of permanent water pollution. The initiative would give DEQ the money to hire someone to analyze mine permit applications to determine whether they offer clear and convincing evidence that their reclamation plans will work.

But opponents, led by the Stop I-186 coalition, doubt the measure would result in the transparency Brooks envisions. Dave Galt, the group’s spokesman and a former head of the Montana Petroleum Association, said I-186 is vague, which would make it hard to enforce.

The two sides appear to agree on one issue: safeguarding jobs. The Stop I-186 campaign says the industry is responsible for 12,000 jobs and over $42 million in revenue, and warns passage of this measure could devastate these numbers.

Brooks said he appreciates concerns about mining jobs, but added that the initiative’s passage could boost jobs in other large Montana economic sectors, including outdoor recreation. Preservation of the outdoors will lure “top-notch corporate employees” to Montana, he said.
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The New West:
Aspen is a lesson for Greater Yellowstone communities

BY TODD WILKINSON
EBS ENVIRONMENTAL COLUMNIST

Talk to locals in almost any Northern Rockies resort community built around downhill skiing; you’re likely to find a prolific sentiment against becoming another Aspen or Vail.

In fact, engage residents of Jackson Hole, denizens on the west side of the Tetons around Grand Targhee and, of course, in Big Sky, and many will say they moved to the Greater Yellowstone to avoid the socio-economic problems deepening in the mountains of Colorado.

Dating to Big Sky’s Wild West development atmosphere and continuing today with a real estate market that, to casual outsiders, seems out of control, it’s clear that no destination lifestyle town can escape Aspenization; it’s only a matter of time before Aspen-like problems arrive.

I’m referencing, of course, the impacts of soaring real estate, lack of rentals for lowly working-class stiffs, serious growth-related problems—including people putting up trophy homes in forested environs prone to wildfire, as well as water quality and treatment issues—and the general disregard demonstrated by some who don’t understand why the Greater Yellowstone Ecosystem is special on earth.

Today, however, I refer you to a recent story by reporter Jason Blevins in The Colorado Sun newspaper on a conundrum in Aspen that is destined to also arrive in Big Sky, Jackson Hole and Bozeman. The issue involves local folk owning official or unofficial affordable housing units who then reach retirement age, and instead of moving away or downsizing to smaller digs they continue to inhabit their homes.

What’s wrong with this? Nothing. Being able to retire in a place you love, and to a town you’ve given blood, sweat, tears and sacrifice to shape, is part of the American dream.

But neither Aspen nor Big Sky, Jackson Hole and Bozeman are normal outposts in the 21st century. In Aspen, residents who enjoyed living in affordable housing units designed to accommodate skilled workers are now not vacating them; in other words, they’re not being freed up for the next generation of worker bees.

Based on people Blevins interviewed, the workings of the so-called free market in Aspen have, in no way, ameliorated the challenges of the housing shortage. Recognized long ago is that Aspen cannot grow its way out of a growth-related problem and, in fact, a laissez-faire approach has only exacerbated the crisis. Aspen has a public housing authority operated in conjunction with Pitkin County. The program is funded by receipts collected on a real-estate transfer tax.

The average free-market home sells for $7.6 million and affordable homes operated by the housing authority come with capped selling prices ranging between $1 million and $2 million. Housing authority units don’t appreciate as much in value and it’s more difficult to pass them along, say, from parents to children who want to come home after college.

Today, one of the unthinkable notions now being discussed is incentivizing those with affordable housing units to leave them.

If working class people, who live in a community permanently and play important roles in shaping town character are encouraged to leave, what are the consequences? What do you get when you have a chronically itinerant labor force?

This gets at another paradox: Should towns with a rare high quality of life owed to protected natural landscapes be accessible only to the ultra-rich?

“The housing authority [in Aspen] manages 2,956 units of affordable housing,” Blevins writes. “About 1,650 are deed-restricted homes owned by teachers, politicians, doctors, chefs, nonprofit workers, police officers and business owners—the people who keep Aspen running as it hosts waves of the wealthy and the glitterati on holiday. The remaining properties are rentals.”

By 2025, anywhere from 20 to 40 percent of the owned homes will be occupied by retirees and the number could rise to 70 percent by 2032, Blevins wrote, noting, “It’s a demographic time bomb ticking inside Colorado’s priciest real estate market.”

So far both Big Sky and Bozeman have dodged taking serious action on affordable housing or forced employers to embrace it as a cost of doing business.

One could argue that Bozeman is where Aspen was 30 years ago; Big Sky is where Aspen was 20 years ago. And Jackson Hole is a decade behind Aspen now, though the lack of affordable housing in all three Greater Yellowstone communities is causing serious spillover effects in other towns.

Teton County, Wyoming, i.e. Jackson Hole, stands head and shoulders above its neighbors in confronting affordable housing, in part because it has no other choice.

Meanwhile, the county commissions in Montana’s high-growth Gallatin and Madison counties seem either unwilling or unable to grasp the magnitude of what’s happening.

Todd Wilkinson is founder of Bozeman-based Mountain Journal (mountainjournal.org) and a correspondent for National Geographic. He is also author of “Grizzlies of Pilgrim Creek” about famous Jackson Hole grizzly bear 399 featuring 150 photographs by Tom Mangelsen, available only at mangelsen.com/grizzly.
School District soars into the future on solar energy

BY BAY STEPHENS
EBS STAFF WRITER

BIG SKY – The spring of 2017 saw the installation of Big Sky School District’s 7.125 kW solar photovoltaic array on the south-facing roof of Ophir School. The system—an array of solar panels that looks down on the playground—along with a digital kiosk run by Bonneville Environmental Foundation displaying the energy data, exposes Big Sky youth to the possibilities of renewable energy.

Located near the gym in Lone Peak High School, the kiosk shows how much energy the solar array generates, allowing students to view output in real time and over time.

Also accessible online, the data shows that in the past 19 months, the array has generated more than 12,500 kilowatt-hours of energy, enough to power an average home for 1 year or a TV for 12 years. The greenhouse gases avoided amount to about 17,700 pounds of carbon dioxide.

“We thought it was going to be a cool idea,” Big Sky School District Superintendent Dustin Shipman said. “We wanted to be able to teach the kids about renewable energy options and what better way to do that when you have it right there in your own system.”

The community came together to bring the educational opportunity to fruition. Lisa Lillelund of Mango Networks coordinated funding for the $39,000 project, garnering a $29,000 Universal System Benefits Renewable Energy Grant from NorthWestern Energy. She said the project would have fallen flat without work by Energy 1, who procured and installed the solar array for a nominal fee, and two private donations from the Bulis family and Highline Partners.

“Alternative energy—especially solar—is a no-brainer in this nation,” Rob McRae of Highline Partners said. “I do think that in 10-15 years, there’s going to be tremendous growth in that industry.”

That growth is already evident. According to a September report by the Solar Energy Industries Association, in the second quarter of 2018 U.S. market installations of solar photovoltaic arrays increased by 9 percent, year-over-year, and in the first half of the year, 29 percent “of all new electricity generating capacity brought online in the U.S. came from solar PV.”

“I think people appreciate and love Big Sky because of its beauty, but the integrity of this place depends on being more environmentally friendly and having sustainable practices,” Ania Bulis said. “This [array] was an opportunity to send the right message to our children.”

Although the array doesn’t significantly offset the school’s energy costs, it sets a precedent in the community, beginning but not ending with education. Bulis thinks the next step in the right direction would be a long-term sustainability plan for Big Sky that all community members can get behind.

A next step for the school district could be more ability to function off the grid. “We would love to partner with any organization in order to expand our use of renewable energy,” Shipman said.

Visit solar4schools.org/kiosk-ophir-elementary-school to view live data from the Ophir School photovoltaic array.

Members and businesses in the Big Sky community donated funds and time to install this array of photovoltaic panels at Ophir School. Paired with a kiosk in the school displaying the array’s energy output, the system exposes students to renewable energy alternatives. PHOTO BY BAY STEPHENS
BOZEMAN – Montana State has officially entered the most pivotal stretch of the Jeff Choate era.

In the three season under Choate, MSU’s inspiring and fiery head football coach, the Bobcats went through a rebuild in 2016 and a season filled with close calls that ended up in close losses last season. Montana State entered Choate’s third season with elevated expectations, both internally and around the Big Sky Conference.

Montana State enters November squarely in the playoff mix but drifting toward the playoff bubble following a 34-24 loss to No. 7 Weber State on Oct. 20. The Bobcats are 2-2 in Big Sky play, and 4-3 overall. Their three losses came at No. 3 South Dakota State, No. 5 Eastern Washington and at WSU.

The Bobcats now need three wins in their final four games to clinch one of the 24 berths in the FCS playoffs. That quest starts Oct. 27 against an Idaho State team with an identical 4-3 record.

“I think there’s a lot of things that make this a pivotal point in our season,” Choate said. “Winning a game against Idaho State puts us in a position where that eight-win mark you probably need to get to, to get into the playoffs, is in reach. This is an important game in that regard but as I told our team, there’s a lot on the table for us.”

Montana State has not qualified for the FCS playoffs since 2014 after making the tournament field eight times between 2002 and that last berth. To make a postseason push, a win at Holt Arena in Pocatello against Idaho State would be the first step.

The Bobcats’ final month includes a home date against Cal Poly on Nov. 3 and Northern Colorado on Nov. 10, two games in which the Bobcats should be favored in. Then comes a showdown with rival Montana in Missoula on Nov. 17 to wrap the regular season.

“We haven’t had a winning season here in four years,” said Choate, who took over after Rob Ash posted a 5-6 mark in 2015, MSU’s first losing season since 2001 at that point. Choate went 4-7 in his first year and 5-6 a season ago.

“We have an opportunity to get to that point, have a winning campaign. We have a chance at the end of the year to go to Missoula to play in what of the great rivalries there is in college football,” Choate said. “There’s a lot on the line here but it’s not everything. We have to continue progressing. We have to continue focusing on us. We are getting close. I hope we can get over the top.”

Colter Nuanez is the co-founder and senior writer at Skyline Sports, an online news-gathering organization providing comprehensive coverage of Montana State and Big Sky Conference athletics at skylinesportsmt.com.
Volleyball

The Lady Big Horns headed into the district tournament at Manhattan Christian School Oct. 24-27 with a conference record of 6-4.

“Now that everyone is healthy we will be able to bring our strongest line up into the district tournament,” Botha wrote in an Oct. 22 email to EBS.

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“The team’s eyes were fixed on the Manhattan Christian Eagles, who they beat twice in the 2017 regular season only to be knocked out of the district tournament. This year, head coach Missy Botha hoped to do the same to them, having lost two regular season games to the Eagles. The outcome had not yet been determined at EBS press time on Oct. 24.

Cross-country

Junior Tracen O’Connor and freshman Nate McCain ran their last meet of the team’s inaugural season in Missoula on Oct. 20.

O’Connor placed 49th out of 114 runners with a time just under 21 minutes, while McCain placed 72nd, traversing the course in 22 minutes, 32 seconds, according to coach David Brekke.

Their improvement throughout the season was notable. Since they ran the same course in September, O’Connor shaved his time by approximately 36 seconds and McCain lopped 1 minute and 28 seconds off his.

Soccer

The Big Sky Futbol Club wrapped up their season with a loss to Petra Academy on Oct. 23, finalizing their season record at 5-3-3.

“I was very pleased with how much individual and team growth I witnessed,” coach Tony Coppola wrote in an email to EBS. “Having a group of players with varying skill levels can be a challenge, but the team came together and picked one another up for a winning season.”

He added that he was proud to be their coach, thanking the team for the laughs, love and fun.

Football

The season closed for the Lone Peak High School and Ophir Middle School gridiron gangs on Oct. 12, both teams losing to Absarokee’s teams, bringing season records to 2-8 for the high school team and 7-2 for the middle school.
Wildlife managers release mountain lion monitoring plan
Public comment accepted through Jan. 11

BY JESSIANNE CASTLE
EBS CONTRIBUTOR

LIVINGSTON – A proposal aimed at better understanding Montana’s mountain lion population was released to the public on Oct. 17 by the Montana Fish and Wildlife Commission and will be available for public review through Jan. 11.

This plan, which is many years in the making, incorporates genetically-based field sampling and a statistical model that includes lion ecology and decades of hunting data in order to estimate population numbers and their response to changing harvest quotas.

Jay Kolbe, an area biologist based in White Sulphur Springs, is the main author of the proposal. He said that historically, Montana mountain lions have been managed by administrative districts without fully understanding how many lions are on the landscape. "Until we had these new genetically-based monitoring tools, we really weren't able to detect changes in populations," he said, referring to the challenge of counting a species as elusive as the mountain lion.

Under the new proposal, lions will be managed based on ecoregions defined by habitat quality rather than administrative borders. "It's a plan that tries to reflect how they live, how they move," said FWP Commissioner Dan Vermillion. "It's a pretty modern approach … it's a remarkable plan."

If approved, managers would periodically sample mountain lion populations in each habitat region by working with hound handlers and their trained tracking hounds in order to locate a lion and tree it. From there, the handler collects a muscle tissue sample with a dart gun and a retractable biopsy dart.

This sample allows managers to map lion DNA across the landscape and understand how they disperse and move about, as well as ensure individual lions are not counted twice. The method has been used before in isolated monitoring studies in Montana’s Bitterroot Valley and the Phillipsburg area.

The 140-page proposal would act as a guiding document for decision makers and does not set population objectives or harvest quotas. Instead, these numbers would be reviewed periodically through a public process.

“I’m hoping that because we have these new tools, that will bring everyone to the table with a common set of facts,” Kolbe said.

Following the commentary period, the proposal authors will compile public responses and address these comments before the commission in February 2019 in preparation for compete adoption.

Visit fwp.mt.gov/hunting/publicComments/2018/mtnLionMgmtStrategy.html to view the plan or call (406) 444-2612 for more information.
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Ski-in-ski-out lot in Moonlight Basin Resort. Terrific views of Spanish Peaks. Build site is on the south side of the property just above a ski trail.

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800.829.8747 | HallandHall.com
The International Freeskiers and Snowboarders Association recently announced that they will be holding a Freeride World Qualifier 2* competition on the Headwaters terrain March 28-31. Pictured above, Big Sky local Nehalem Manka is a freeride athlete that is no stranger to finding herself on podiums at IFSA competitions. PHOTO COURTESY OF NEHALEM MANKA

Now entering its tenth season as a favorite on-mountain lunchtime stop, the Shedhorn Grill saw some improvements in the shoulder season. “With the expectation for increased business brought by the new Shedhorn Express Lift opening this winter, we have expanded … with a larger sun deck and increased inside seating capacity,” said owner Kevin Daily. “A separate kitchen yurt will be set up for inside or outside ordering, improving efficiency and capacity.” PHOTO BY KEVIN DAILY
Yellowstone bat study

BY CHRISTINE GIANAS WEINHEIMER
YELLOWSTONE FOREVER

During the fall season, bat motifs make fun and festive decorations for Halloween parties, but the scary situation bats face in the United States is no cause for celebration. A disease called white-nose syndrome has already decimated bat populations in the eastern part of the country, and is moving west.

White-nose syndrome (WNS) was first identified in central New York state in 2006 and has now been confirmed in bats in 33 states and seven Canadian provinces. The disease, caused by the fungus pseudogymnoascus destructans, disrupts bat hibernation and depletes crucial body reserves needed to survive the winter.

WNS led to the listing of the northern long-eared bat as threatened in the United States, and the listing of three bat species as endangered in Canada. Bats are poorly suited for recovery from population declines because most species that are vulnerable to WNS rear only a single pup per female each year.

Although WNS has not been observed in Yellowstone, the disease-agent was recently found on bats in eastern Wyoming. Biologists anticipate the disease will eventually reach hibernating bat populations that breed in the park. Yellowstone Wildlife biologist John Treanor explains bats’ important role in the park’s ecosystem.

“Bats provide many important ecologic and economic services. They eat a lot of things that we don’t like, such as mosquitoes and insects that damage crops and forests and provide a food source for predators like owls and other raptors,” Treanor said.

Because most of Yellowstone’s bat species are susceptible to WNS, there is an urgent need to continue monitoring efforts within the park. Funding from Yellowstone Forever, beginning in 2010, helped develop a proactive program to monitor the distribution, activity, and habitat used by bat species in the park. It is establishing baseline data on bat roost sites, movements, and genetics that will be important to biologists if and when WNS arrives in Yellowstone.

Fall 2018 marks the ninth year that researchers will identify the presence of specific species in different areas of the park by setting up devices that record the bats’ echolocations.

Multiple species of bats have now been recorded in Yellowstone during every month of the year, proving conclusively that there is a resident bat population that spends the entire winter in the park.

Funding from Yellowstone Forever for bat research has leveraged support from multiple conservation organizations and academic institutions. Currently, Ohio State University is supporting two full-time graduate students to conduct research, and several professional researchers have volunteered their time to help with the study.

In earlier years, bat monitoring was focused primarily on Yellowstone’s Northern Range because the recording equipment needed to remotely monitor bats was limited. Thanks to a grant from Canon U.S.A., Inc. to Yellowstone Forever, the monitoring program has been expanded with more advanced technology and to more remote areas of the park. The purpose of the grant is to detect impacts from WNS on Yellowstone bats and better understand the effects of climate change on these sensitive species.

New recording devices, with longer battery life and increased storage capacity, are being used to record bats for extended periods in remote locations of the park.

Another element of the study is a project using radio-frequency identification tags, which the research team attaches to a sample of small brown bats occupying known roosts. This technology provides more detailed information on the bats’ movements and life spans by tracking individual bats with an automated monitoring system.

Treanor and his colleagues are narrowing the focus of their research to study the roosting behavior of these brown bats, which have been hit hard by WNS and are now considered regionally extinct in some areas of the eastern U.S.

“Little brown bats are the ‘American robin’ of the bat world,” explained Treanor. “They are one of the most common and widely distributed bat species in North America, as well as in Yellowstone, and they have an important role in the ecosystem among the park’s 13 bat species.”

A coordinated effort among federal, state, and private entities continues to explore ways to slow or halt the spread of WNS in North America. In the meantime, biologists in Yellowstone are prepared to detect WNS as soon as it arrives, and to closely monitor the park’s important bat population.

Yellowstone Forever is the official nonprofit partner of Yellowstone National Park. Learn more at Yellowstone.org
TASTERS DURING THE SHOULDER SEASON

Help us decide what food items to include on our winter menu

REDEEM THIS COUPON FOR 1/2 OFF COCKTAILS DURING HAPPY HOUR, 5-7PM

EVENTS - OCTOBER 2018

TUESDAYS
5 - 9 PM
Tuesdays Downtown (Drop the kids off for a fun-filled evening with Dino Drop-In, relax and immerse yourself in the Big Sky Life)

OCT 17
4 PM
Beehive Basin Brewery Custome Appreciation Party (Enjoy free food, live music, raffle prizes/swag)

OCT 20
12 - 4 PM
The Great Pumpkin Giveaway At Center Stage (Bring canned food donations for Big Sky Community Food Bank, get your pumpkin and register for the Pumpkin King & Queen Carving Comp.)

OCT 23
4 PM
Halloween Costume Swap At Beehive Basin Brewery (Bring a costume and trade a costume)

OCT 26 - 28th
Haunted Peaks Halloween Festival (Costume Street Dance, Horror Film Festival, Haunted Stroll, Pumpkin King & Queen Carving Comp. & More Family Fun)

OCT 30th
9:30 - 11:30 AM
Monthly Open House at 33 Lone Peak Drive, #204 (Meet with the Town Center team to share ideas and discuss how we can better support you)

Find more of the Big Sky Life @BigSkyTownCenter

WANTED

Big Sky Fire Department
Halloween Event Cancellation

Big Sky Fire Department is excited to be working on remodeling projects at both fire stations which will help improve our ability to provide services to the community.

Unfortunately, with the construction work currently taking place we will not be able to host the annual Halloween event this year.

We wish you a safe and happy Halloween!

Big Sky Fire Department

Big Sky Fire Department
Hello! I'm Bernadette Bear, the newest addition to the Bear Smart Big Sky team.

My job is to share ways to reduce conflicts with bears. I have a lot of smart relatives in Big Sky who like getting into trash, open garages, and unlocked cars, so I need you to do your part and be bear smart.

Follow me on Instagram @bearsmartbigsky for helpful tips.

Bear basics with Bernadette

WILDLIFE CONSERVATION SOCIETY

Big Sky is located in some of the best bear habitat in Montana. Not surprisingly, bears are seen regularly in Big Sky and can become conditioned to come in close proximity to people. The Bear Smart Big Sky Committee is excited to introduce “Bernadette Bear,” a cartoon-like “spokesbear” who is not joking around about bear safety and the efforts required to reduce bear conflicts in Big Sky.

This new column will report on important bear safe topics, provide tips and information, and educate about bear facts and more.

Your role in reducing conflicts in Big Sky and the Greater Yellowstone Region is critical to the safety of the community and our furry neighbors. Please follow “Bear Smart Big Sky” on Instagram and Facebook to learn what actions you can take to live responsibly in bear country.

A project of the global organization, Wildlife Conservation Society (WCS), Bear Smart Big Sky’s mission is to develop a greater public understanding of bear behavior and actions that should be taken to reduce negative interactions between people and bears. Being a bear smart community is a collaborative effort that requires everyone’s participation—from both local residents and visitors alike—to keep bears safe and in the wild.

With the introduction of Bernadette Bear, the goal is to educate the Big Sky community, its residents, employees, and visitors about the actions they can take to reduce human-caused bear conflicts. Simple examples include using bear-resistant trash containers, keeping garage doors closed, and feeding pets inside, just to name a few.

Don’t forget to post photos of bear sightings and check in with Bernadette Bear on Instagram @bearsmartbigsky and #bernadettebear. Please help support Bernadette in her campaign to create a more bear-safe and bear-aware community in Big Sky.

Learn in a Winter Wonderland

Are you ready for a Yellowstone winter adventure?

The Yellowstone Forever Institute offers in-depth programs on topics ranging from wildlife watching and photography, to birding and animal tracking. Enjoy cozy lodging at a reduced rate and leave the planning and driving to us!

Yellowstone Forever supporters receive $15 off tuition.

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Official Nonprofit Partner of Yellowstone National Park
406 848 2400
BOZEMAN – For two, sometimes three, weeks in November, cyclists have nearly exclusive access to Yellowstone National Park while managers transition from the summer to the winter season.

This year’s biking period begins Monday, Nov. 5 when all park roads close to vehicles at 8 a.m. except the road between the north and northeast entrances, which remains open year-round. Once snow consistently flies, usually by mid- to late-November, the roads close to bikes to allow for snow accumulation that accommodates snowmobiles and snowcats.

During the brief biking period, which also occurs during the spring shoulder season, cyclists may encounter the occasional Park Service or concessionaire vehicle, but otherwise the roads are wide open. Those wishing to do other activities, like roller ski or walk, are also welcome during this time.

From West Yellowstone, consider one of two routes, either traveling to Madison junction and go south to Old Faithful, or head north and travel as far as Tower Fall or the Northeast entrance near Cooke City. With these route options, bikers can pick an easy jaunt to 7-mile bridge just past West Yellowstone, or extend the trip into a day-long excursion.

The route to Old Faithful is about 30 miles one-way, and for a large portion of the ride, the road follows the Firehole River. You could stop to explore a number of geyser basins along the way, including Fountain Paint Pots and Midway Geyser Basin and the brilliant Grand Prismatic Spring.

Should you continue north from Madison Junction about 15 miles east of West Yellowstone, you’ll be able to visit Norris, Mammoth Hot Springs, and Tower Fall—a full 70-mile trip that may warrant a car shuttle. Remember that a portion of this route will remain open to cars and you can drive in from the North entrance to access the northern bike options more quickly.

Kelli Hart, co-owner of Freeheel and Wheel bicycle and ski shop in West Yellowstone, said she loves biking in Yellowstone in the fall. “It’s one of those iconic experiences,” she said, though she added that the fall season can be particularly challenging to plan due to weather.

“The weather can turn at any time and anyone that rides in there should be ready for that,” she said. For local conditions, Hart recommends visitors call Freeheel and Wheel, where they can also rent gear, as well as gloves and hats.

Visit nps.gov/yell/planyourvisit/spring-fall-bicycling.htm or call Freeheel and Wheel at (406) 646-7744 to learn more.
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**Lot 2 Big Buck Road**  |  **$485K**
20 ACRES  
Wooded 20 acres with well, incredible views of the Spanish Peaks and Lone Peak

**Lot 4 Beaver Creek West**  |  **$539K**
20 ACRES  
Private lot with incredible mountain views

**Beehive Basin Lots 11A & 12 A**  |  **$1.1M**
40 +/- ACRES  
Top of the world mountain views bordering Forest Service land

**Lot 42 & 43**  
Lot 42: Offered at $399K  |  Lot 43: Offered at $375K
20 ACRES  
Offered at $589K for both

**Big EZ Lots 42 & 43**  
Lot 42: Offered at $399K  |  Lot 43: Offered at $375K
20 ACRES  
Offered at $589K for both

_Beautiful acreage with expansive views_
By Bay Stephens

EBS Staff Writer

In 2004, after graduating from Montana State University with a Bachelor of Fine Arts with an emphasis in metalsmithing, jewelry artist and designer Ariane Coleman opened Ari O Jewelry. After a stint in the West Fork Meadows, then Big Horn Shopping Center, Ari O moved to its current Town Center location next to Lone Peak Cinema in June of 2015.

Both a showroom and working jewelry studio, the space allows unique access to Coleman as an artist and craftswoman, important to patrons who want to know the source of their jewelry, its maker, and who might have custom jewelry ideas.

Other than her retail space, J.P. Wookie’s in the Mountain Mall is the only Big Sky vendor of Ari O Jewelry, a partnership that complements seasonal ebb and flows in the jewelry market.

As part of this ongoing series, Coleman shared her thoughts with EBS about what it takes to make it as a small business owner in Big Sky.

Explore Big Sky: What has been the key to your success?

Ariane Coleman: I’ve taken … opportunities to listen to … the customers—to what people want, what Big Sky is looking for—and then to also be available to those people to give them what they want.

EBS: What are the biggest obstacles to operating a small business in Big Sky?

It’d be availability of a work pool, and this is specialized [work] and there’s not a lot of people with skills here to [make jewelry].

I would say even bigger than finding people to work is … figuring out the flow of Big Sky as the seasons change, getting the flow of when the money comes in and when the money leaves and balancing that throughout the whole year.

EBS: How has the business landscape changed since you started out?

There definitely are more people here now than there have been. This summer was my busiest summer. People are coming in with their old jewelry and wanting me to redesign with their stones.

EBS: What is it about Big Sky that compels you to stick it out through the hard times?

This is home. The community has always been first. They’re the reason I’ve even gotten this far, whether it be from people supporting me through buying things or renting me the studio spaces to work in, to purchasing the jewelry in their stores. It’s home, it has to work.

EBS: Where do you source your jewelry materials?

For Montana, sourcing the materials means actually knowing the people that have the mine. I go to gem shows, or I go to Thailand or Cambodia to try to find out as much as I can [about the stones]. I usually will find and do business for a long time with the sellers I connect with that have more knowledge on what they’re selling me.

EBS: What is the best piece of business advice you’ve received?

Study the characteristics of focused and successful people: patience, consistency, dependability, discipline, persistence, resilience, make decisions quickly, admit faults, ask for help, take action.

EBS: What advice would you give to small business owners just starting out in Big Sky?

The community will tell people about your shop if they know you and they know your work, so it’s better [to] get to know your community.

EBS: How would you describe the interplay between art and business in your work?

The artist part is the wild part … that does whatever it wants. The business person is like, “You need to pay your bills.” I think in the middle of that is called the designer. It’s the combination of the two. It’s a disciplined art form. That’s the only way the two can interact with each other.

EBS: How have you found and kept employees in Big Sky?

There have been so many people who live in Big Sky and have gone to college, and then come back and want to work here. The ones that I’ve chosen have really wanted to work here because I teach them.

EBS: A unique experience greets shoppers when they walk into Ari O Jewelry in Town Center and see MJ Matute, Ariane Coleman and Kendra Schwartz crafting jewelry by hand in the split retail-studio space. PHOTO BY BAY STEPHENS

Ari O Jewelry – By the Numbers

Staff: 2

Years in Business: 14

Longest Serving Employee:

Kendra Schwartz

nearly 5 years

Making it in Big Sky: Ari O Jewelry

LONGEST SERVING EMPLOYEE:

Kendra Schwartz

nearly 5 years
The power of vitamin D

BY DR. ANDREA WICK
EBS HEALTH COLUMNIST

More than half of Americans are vitamin D deficient. Vitamin D is especially important for people who live in areas where there is a lower angle from the sun in the winter, such as Montana.

Vitamin D helps bolster the immune system. A 2017 study published in the British Medical Journal found that vitamin D deficiency may be the underlying cause for influenza. This study found that vitamin D reduces the incidence of common respiratory infections, and that vitamin D supplementation could in fact prevent 3.25 million cases of the cold and flu each year. The outcome of a 2010 study resulted in a 42 percent reduction in the number of children contracting influenza A when receiving 1,200 IUs of vitamin D.

Vitamin D is also known as the "sunshine" vitamin. Montana has had one of the highest rates of suicide in the United States for more than 50 years. Studies have shown that people who develop depression often have low levels of vitamin D in their system.

Another 2018 study in the Journal of Anesthesia Essays and Researches found that vitamin D deficiency is associated with musculoskeletal and bone pain, specifically in the lower back. The severity of pain increased as amounts of vitamin D in the bloodstream decreased.

Symptoms of vitamin D deficiency include feelings of depression, being overweight, headaches, gut and digestive issues, bone aches, and head sweats.

Pregnant women are encouraged to take 4,000 IU of vitamin D daily. This amount of vitamin D is found to prevent child birth defects, preterm labor and preeclampsia, according to the American Pregnancy Association.

Children need 400-600 IUs daily, whereas adolescents need 2,000 IUs daily. Normal vitamin D levels decrease the rate of bone fractures and rickets among kids.

Food sources for vitamin D include egg yolks, fish, and raw milk. I usually recommend goat milk because it contains less lactose and casein than cow’s milk, making it easier for people who are lactose intolerant to digest.

Supplements are another option. I recommend vitamin K2 in combination with vitamin D. Vitamin K2 is important in helping the body metabolize calcium, an important mineral in your bones and teeth.

Another option for people who have difficulty absorbing nutrients is an intravenous vitamin D injection. The injection lasts for two-to-three months and no other supplementation is needed.

Dr. Carlye Luft N.D. will be offering a vitamin D injection walk-in clinic at Healing Hands Chiropractic on Friday, Nov. 16 from 9 a.m. to noon; and 1 p.m. to 6 p.m.

Dr. Andrea Wick is a chiropractor and applied kinesiologist. She graduated from Life University in Marietta, Georgia, and now practices in Big Sky. She has a passion for holistic health care and being active in the outdoors. Her practice, Healing Hands Chiropractic, is located in the Meadow Village Center. Visit drandreawick.com to learn more.
**WMPAC announces winter season**

**WARREN MILLER PERFORMING ARTS CENTER**

In its six years, the Warren Miller Performing Arts Center has established a reputation for creating totally original line-ups each year. The 2019 winter season is no exception, with new-to-WMPAC performances by luminaries such as "This American Life" creator and host Ira Glass, and comedian Tig Notaro on the schedule. There will also be immersive, innovative artistic experiences—including a season opener which will transform the entire theater into a giant string instrument. And, for the first time, Artistic Director John Zirkle has included a couple of repeat performances of audience favorites such as The Wonderheads and Take 6 who will return to the WMPAC stage as part of the eight-act season.

The season opens Dec. 28 with William Close and the Earth Harp Collective. The Collective, and their array of original instruments—quadruple-necked guitars, musical body armor, revolving drum sets, and a gigantic harp that strings 50-foot wires over the audience’s heads—could be described as a sonic Cirque du Soleil.

WMPAC then brings two back-to-back musical groups beginning with Take 6, the most awarded a cappella group in history with 10 Grammys under their belt, on Jan. 5. They’ve followed on Jan. 19 by the boundary–shifting chamber ensemble Eighth Blackbird, who will perform incendiary music by Bryce Dessner from The National on Jan. 19.

The center’s sixth season also includes theater and storytelling: Tig Notaro, fresh off the success of her Netflix special and a national tour, will bring her incisive stand-up comedy to Big Sky on Feb. 2.

“Tig’s show is going to sell out, no question,” Zirkle said. “She’s changed the landscape of comedy, and it’s going to be really special to see her in such an intimate space.”

On Feb. 23, the off-Broadway musical “The Last Five Years” comes to WMPAC. It was named one of TIME’s 10 Best Shows when it was released in 2001, and has enjoyed numerous revivals since then. The two-person show traces the formation and dissolution of a relationship in an unexpected manner, with one character telling their story backwards and the other chronologically.

Perhaps the most innovative show of the season features Ira Glass, host of NPR’s “This American Life.” Glass had partnered with dancer Monica Bill Barnes to craft a performance that pairs storytelling and dance. Glass will share stories from his own life, dramatized and enhanced by dance. The show premiered at Carnegie Hall in 2013, and comes to WMPAC on March 9.

Continuing their longstanding relationship with Big Sky, the James Sewell Ballet returns to the WMPAC stage on March 23, and the season closes March 30 with the physical theater company The Wonderheads, which illustrates contemporary stories with European mask traditions.

This year, for the first time, WMPAC is rolling out a three-performance package offer. “It’s a way to reward our audience for their commitment to the arts in Big Sky,” Zirkle said. Between Nov. 15 and Dec. 1, those who buy tickets for any three WMPAC events will receive a 25 percent discount. Tickets for individual shows will go on sale Dec. 1.

“Big Sky is now a destination for excellence in the arts,” Zirkle said. “And we’re going to see that over and over again this season. Quite simply, the bar has been raised.”

Visit warrenmillerpac.org for more information.
FRIDAY, OCTOBER 26
Poetry reading by Lowell Jaeger
Warren Miller Performing Arts Center, 6:30 p.m.

Pumpkin Stroll, Crowning of Pumpkin King and Queen
Lone Peak Cinema, 5-7 p.m.

Haunted Peaks Block Party and live band
Town Center Avenue, 7-11 p.m.

Geocache Mystery – Day One
Big Sky Town Center, starts at dusk

Horrorfest outdoor double feature
Big Sky Town Center, 10 p.m. to midnight

SATURDAY, OCTOBER 27
Frankenstein’s Morning Cocktail Lounge
Compass Café, 10 a.m. to noon

Mini Monster Mash
Big Sky Town Center, noon to 2 p.m.

Horrorfest films and events
Lone Peak Cinema, 2 p.m. to 2 a.m.

Geocache Mystery – Day Two
Big Sky Town Center, starts at dusk

Yappy Hour dog costume gathering
Big Sky Town Center, 5-6 p.m.

Down Town Haunted Happenings and Illuminated Labyrinth
Big Sky Town Center, 6-8 p.m.

Community Fitness Class
Headwaters Fitness, 8 a.m.

SUNDAY, OCTOBER 28
Frankenstein’s Morning Cocktail Lounge
Compass Café, 10 a.m. to noon

Geocache Mystery – Day Three
Big Sky Town Center, starts at dusk

Glow in the Dark Dodgeball and DJ
Town Center Park, 6-8 p.m.

Stage Fright Night
Warren Miller Performing Arts Center, 3:30 and 5:30 p.m.

Indian Night
Lotus Pad, all evening

MONDAY, OCTOBER 29
Industry Night
Lotus Pad, all evening

TUESDAY, OCTOBER 30
Town Center Open House
Town Center Office, 9:30-11:30 a.m.
Top Shelf Toastmasters
Town Center Sales Office, 12 p.m.

WEDNESDAY, OCTOBER 31
Rotary Club of Big Sky Meeting
Town Center Sales Office, 6 p.m.

THURSDAY, NOVEMBER 1
Bridge
Big Sky Water and Sewer District, 10:30 a.m.

Al-Anon Meeting
Big Sky Chapel, 4 p.m.
A.A. Meeting
Big Sky Chapel, 8 p.m.

FRIDAY, NOVEMBER 2
Fish Fry
BYWOM, all evening

Trivia Night
Lone Peak Cinema, 8 p.m.

SATURDAY, NOVEMBER 3
Community Fitness Class
Headwaters Fitness, 8 a.m.

SUNDAY, NOVEMBER 4
Live Music
Compass Café, 11 a.m.

MONDAY, NOVEMBER 5
Industry Night
Lotus Pad, all evening

Quaker Meeting
Big Sky Chapel, 5:30 p.m.

TUESDAY, NOVEMBER 6
Top Shelf Toastmasters
Town Center Sales Office, 12 p.m.

WEDNESDAY, NOVEMBER 7
Chili Cookoff
Beehive Basin Brewery, 4-8 p.m.

Surviving Cancer Support Group
Santosha Wellness Center, 7 p.m.

Rotary Club of Big Sky Meeting
Town Center Sales Office, 6 p.m.

THURSDAY, NOVEMBER 8
Bridge
Big Sky Water and Sewer District, 10:30 a.m.

Al-Anon Meeting
Big Sky Chapel, 4 p.m.
A.A. Meeting
Big Sky Chapel, 8 p.m.

ALCOHOLICS ANONYMOUS can help if you think you might have a drinking problem. Call (888) 607-2000 to talk to a member of A.A., or go to aa-montana.org for meeting times and locations.
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Feminism is a strong theme running through Neil Marshall’s “The Descent.” This female-led British horror film deserves the praise it has received from critics over the past 10 years. While I love this film, there is a point of contention concerning how the women in “The Descent” treat one another. What do you do with a film that has no male actors and asks tough questions about what it means to be a woman in the world? You watch it again, of course.

“The Descent” follows Sarah (Shauna Macdonald) after a horrific car accident in which she loses her husband and daughter. Her adventure-seeking friends, Juno and Beth, look after her and propose a spelunking trip deep in the backwoods of North Carolina. The landscape is akin to that of “Deliverance,” setting the tone for an unknown horror that is about to befall the six friends.

After the friends make their initial descent into the first room of the cave, they stand in wonder at this unexplored region of the world. On their descent into the next room, the narrow passage behind them collapses, leaving them shaken, but confident they will find another way out.

As tension runs high, egos take over. Juno, who has taken the lead up until now, reveals she didn’t bring the guide book for this cave system because it doesn’t have a guide book … and for good reason.

Without spoiling the nature of the “monster” in the film, “The Descent” becomes more than a story about female friendship and betrayal. The women start to see images in the darkness—images that take on actual shapes that torment the friends.

Roger Ebert describes the film’s intense darkness as “oppressive … a terrifying emptiness, a vacuum to be filled by real or imagined dangers.” The darkness is so overwhelming at times that the only way to see the action is to watch it on the big screen, submersed in the total darkness of the theater.

The horror genre has always been empowering for women. Women are usually the last standing humans against the monster—aligning them with the monster, as women can also be perceived as ostracized from society. Even early horror films such as “Attack of the 50-foot Woman,” which was offensive to women when first released in 1958, is now viewed as a film that portrays women as a genre to be respected and feared for their strength and wisdom.

“The Descent” is no different because of its entire female cast—a rarity in Hollywood, where there are no qualms about all-male casts. The feminist struggle comes to the surface when the women are faced with the unknown and known darkness, and begin to turn on one another to survive.

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“The Descent” is playing at Lone Peak Horrorfest at Lone Peak Cinema on Sunday, Oct. 28 at 3 p.m.

Anna Husted has a master’s in film studies from New York University. In Big Sky she can be found at the movies at Lone Peak Cinema or hiking up a mountain. When not gazing at the silver screen or watching her new favorite TV show, she’s running, fishing or roughhousing with her cat, Indiana Jones.
American Life in Poetry:
Column 709

BY TED KOOSER, U.S. POET LAUREATE

Jim Daniels lives and teaches in Pittsburgh. I love this poem from “Street Calligraphy,” from Steel Toe Books, of Western Kentucky University, Daniels’ 17th book. A young father and his two small children, tucked into a comfortable old chair at the end of a day. What could feel better than that?

Talking About the Day
By Jim Daniels

Each night after reading three books to my two children—we each picked one—to unwind them into dreamland, I’d turn off the light and sit between their beds in the wide junk-shop rocker I’d reupholstered blue, still feeling the close-reading warmth of their bodies beside me, and ask them to talk about the day—we did this, we did that, sometimes leading somewhere, sometimes not, but always ending up at the happy ending of now. Now, in still darkness, listening to their breath slow and ease into sleep’s regular rhythm.

Grown now, you might’ve guessed. The past tense solid, unyielding, against the acidic drip of recent years. But how it calmed us then, rewinding the gentle loop, and in the trusting darkness, pressing play.

We do not accept unsolicited submissions. American Life in Poetry is made possible by The Poetry Foundation (poetryfoundation.org), publisher of Poetry magazine. It is also supported by the Department of English at the University of Nebraska-Lincoln.


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