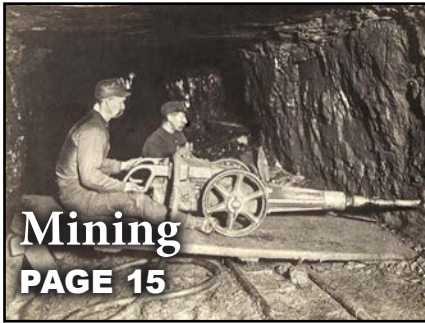


Focus



Mining
PAGE 15

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OF NOTE



Why not order both?

There are 51 Walmart Supercenters and Neighborhood Markets in Utah and most of them will bring groceries to your home. So, what is the most common items Utahns order for delivery? A report by Bloomberg said folks in Utah request some sort of chocolate more than anything else. Nationwide, it's bananas, which comes in second in the Beehive State.

UNIFIED TRANSPORTATION PLAN

'More ways for Utahns to get to their destinations'

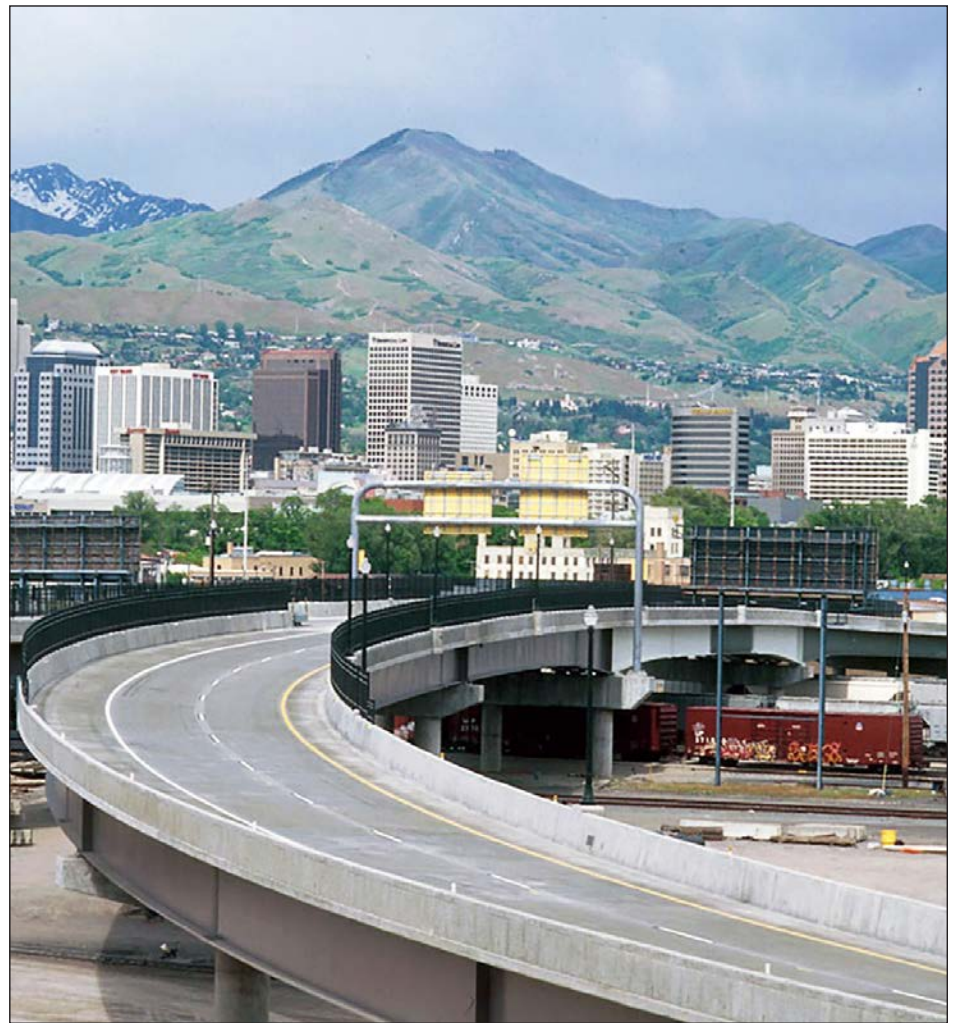
John Rogers
Salt Lake Business Journal

Four years after its initial release, Utah's transportation stakeholders have released an update to their Unified Transportation Plan. The plan is comprehensive in that it identifies statewide transportation priorities across all modes of travel from now until 2050.

The Utah Department of Transportation (UDOT); Utah Transit Authority; and metropolitan planning organizations Cache MPO, Dixie MPO, Mountainland Association of Governments and Wasatch Front Regional Council all contributed to the creation of the plan, in collaboration with cities and counties, legislators, business and community organizations and other stakeholders.

In releasing the plan, available to the public at unifiedplan.org, the authors said it has a "primary goal of preserving and enhancing quality of life in Utah even as we grow." The proposals contained in the plan expand capacity to meet Utah's growth by planning for new bike and pedestrian paths, increasing frequency of transit service along with new transit options via bus and rail and providing for new or upgraded state and local roads.

see **TRANSPORTATION** page 12



Utah's freeway system is only one of the modes of transportation addressed in the Unified Transportation Plan released recently by stakeholders in getting the state's residents from one place to another. Authors said the plan has the "primary goal of preserving and enhancing quality of life in Utah even as we grow."

Guv's order makes service a new requirement for state incentives

Brice Wallace
Salt Lake Business Journal

High-paying jobs? Check.
Large capital expenditure? Check.
Volunteer service? New check.

Gov. Spencer Cox, through an executive order, is now requiring companies that receive future state economic development incentives to have their highly paid employees provide volunteer service during the period of the incentive. Specifically, those businesses will need to provide at least 20 service hours per high-paying job per year for the incentive period.

"This order was issued to encourage service and volunteerism to become an ongoing corporate value for those who receive state incentives," the governor said in a news release about the new requirement.

It was one of two executive orders related to service and volunteerism issued by Cox, with the other encouraging state agencies to organize a department-wide service project. That order applies to the 24,000 state employees over the next year.

"Service is a core part of our administration and of Utah's culture at large — it's who we are," Cox said. "In Utah, we have more volunteers per capita than any other state in the nation, and as governor, I want to do everything I can to keep it that way. By providing opportunities and incentives to our state employees, our students and the private sector, we can improve mental health, build community, and ensure service and volunteerism remain a defining part of Utah culture."

The news release noted that Kirk

see **COX'S ORDER** page 13

KUER, PBS UTAH BUY KCPW FOR BILINGUAL MUSIC/NEWS FORMAT

University of Utah public broadcast radio station KUER and PBS Utah have agreed to acquire the 88.3 FM frequency license. The frequency is currently broadcasting as KCPW under ownership of Wasatch Public Media. Closing of the sale is subject to the final transfer of the license by the Federal Communications Commission, no later than April 30.

"We are uniquely positioned to keep this spot on the dial locally owned and in public service," said KUER and PBS Utah Maria O'Mara, executive director of the broadcast entities. "And our intention is to grow that service for a more diverse and younger audience."

O'Mara said KUER and PBS Utah will bring a bilingual format of music and

see **KCPW** page 12

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NEWS

Chromalox expansion to increase capacity, create jobs, advance technology

Chromalox has announced a major expansion to its electric heating technology plant in Ogden. The company will invest more than \$58 million in the project with E.K Bailey Construction as the general contractor. Chromalox said the expansion will increase its production capacity, create jobs and advance new manufacturing technology. The project was announced in conjunction with the Weber County Economic Development Office.

Chromalox, headquartered in Pittsburgh, is part of the Electric Thermal Solutions (ETS) division of Spirax-Sarco Engineering PLC of Gloucestershire, England. Chromalox officials said the upgraded Ogden plant, first constructed in 1976, will implement key technology and systems in accordance with Spirax-Sarco's One Planet Sustainability Strategy. The facility will include a significant investment in a ground source heat pump system to heat and cool the facility year-round with renewable, geothermal energy. Additional

investments will include LED lighting and high-efficiency systems to conserve water consumption and improve recycling. State-of-the-art paint booths will utilize environmentally friendly paints and incorporate advanced filtration systems, while reducing operational energy consumption.

Chromalox will also invest in the local ecosystem to offset the impacts of the expansion by working to restore nearly five acres in the Ogden Nature Preserve. This work will include restoring natural vegetation, wildlife habitat and land in the Ogden area that was historically impacted by past military operations and adverse weather.

Armando Pazos, president and managing director of ETS, praised Ogden as a location with "an experienced workforce, including some with as much as 40 years' experience with Chromalox, as well as existing infrastructure and certifications for a seamless transition to the expanded facility."

"Over the recent decades, our engagement with the state of Utah and particularly the Northern Weber County region has been highly effective for Chromalox," Pazos said. "We have made great strides in our quest to set the bar progressively higher for clean and sustainable energy and to meet these demands with operational excellence. We are a key supplier to help industrial customers decarbonize with our patented offerings to electrify industrial processes with our electric heating technology and solutions, and Ogden is the

center of our operations for the manufacturing of these products."

"This upgrade and expansion will increase sustainability and biodiversity at Chromalox's Weber County facility and is a proactive step in enriching our community," said Gage Froerer, Weber County commissioner. "We look forward to working with Chromalox as a global leader in paving the way in thermal electric heating technology."

Chromalox anticipates completion of the new facility by the end of 2024.

Grant will advance Utah critical minerals

The Advanced Manufacturing of Critical Materials Strategy Development Consortium in Kaysville has been awarded a Tech Hubs Strategy Development Grant to advance production and manufacturing of critical minerals for clean energy technologies in the Salt Lake City region. The award was made by the U.S. Department of Commerce's Economic Development Administration (EDA).

The consortium, led by the Utah Advanced Materials Manufacturing Initiative, will leverage the grant to increase local coordination and planning activities to strengthen its region's capacity to manufacture, commercialize and deploy technologies critical to U.S. economic and national security. The Tech Hubs Program, authorized by the CHIPS and Science Act, passed by Congress earlier this year, is investing in U.S. regions and aims to transform them into globally competitive innovation centers. The Utah consortium was selected for a grant from a competitive pool of 181 applications.

With the funding, the consortium will develop a regional strategy to advance the production and manufacturing of critical minerals needed for clean energy technologies, many of which lack any domestic production presence.

Cottonwood Heights joins South Valley Chamber

The South Valley Chamber of Commerce has added Cottonwood Heights to the list of cities it represents. The announcement came from Cottonwood Heights Mayor Mike Weichers.

"The South Valley Chamber has consistently demonstrated its dedication to equipping small businesses with the tools and knowledge they need to not only survive but thrive," said Jay Francis, presi-

dent and CEO of the South Valley Chamber. "Empowering businesses is at the heart of our mission, and we're thrilled to have the support of Cottonwood Heights in this endeavor."

"We recognized that our businesses needed a platform to engage, learn, and grow. The South Valley Chamber has proven its ability to provide just that," Weichers said.



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Downtown density making it tough to maintain retail space in new landscape

A new report released by Mountain West Commercial Real Estate shows that retail space in downtown Salt Lake City is undergoing a transformation as the area continues to densify. The study found that market-wide, older one- and two-story retail buildings are being demolished and replaced with multifamily developments, many of which incorporate retail space into the ground floor of the development.

"The shift to mixed-use retail space is experiencing varied success, and developers will need to make important considerations to ensure retail spaces thrive in the changing landscape," study authors said.

According to Andy Moffitt, senior commercial real estate specialist at MWCRE, "Developers should proactively plan retail spaces to reduce retrofitting costs and consider parking, tenant mix and neighborhood consumer needs."

Moffitt cited Salt Lake City's Granary District and Post District as examples. These areas now include 580 apartment units, over 55,000 square feet of retail space and 144 on-site retail parking stalls. BCG Holdings and the Lowe Property Group, the developers, prioritized retail parking to boost foot traffic.

To encourage the trend, the recently passed Downtown Heights and Street Activation Ordinance in Salt Lake City encourages more ground-floor retail in various zones and areas throughout the city, signaling Salt Lake City's intent to include more retail elements in development.

MWCRE'S study found that, since 2018, more than 450,000 square feet of retail space in downtown Salt Lake City (600 North to 1300 South and I-15 to 1300 East) has been demolished, primarily consisting of one- and two-story buildings with an average year built of 1952. In the same period, 293,680 square feet of new retail space has been added, with 97.2 percent of the total square footage being added in mixed-use developments.

The report also says that pre-2018 retail spaces have a 4.5 percent vacancy rate, while those built from 2018-2022 face an 18.6 percent vacancy rate, highlighting the challenges mixed-use retail landlords face in attracting and retaining tenants compared to traditional retail landlords. Retail tenants, primarily food and beverage businesses, occupy 58.6 percent of the leased space in the new developments added since 2018.

CoreLogic report: Serious mortgage delinquency drops to 25-year low

The share of U.S. home mortgages that fell into serious delinquency — representing borrowers who are three months or more late on payments — dropped to the lowest level in nearly 25 years in August at 0.9 percent, according to the Loan Performance Insights Report from Irvine, California-based property information and analytics firm CoreLogic.

Nationwide, overall mortgage delinquencies and foreclosures also remained near historic lows, a clear sign that most U.S. homeowners can currently cover their monthly payments. But as interest rates have approached 8 percent in October, more prospective buyers could be sidelined, CoreLogic said.

Of U.S. states, Idaho and Utah posted small annual increases (both up by 0.1 percentage point) in overall mortgage delinquency rates in August. Overall delinquency rates were unchanged year over year in Arizona, Florida, Indiana and Oregon. The remaining states' annual delinquency rates declined between 0.1 and 0.8 percentage points.

In August, 2.6 percent of all mortgages in the U.S. were in some stage of delinquency (30 days or more past due, including those in foreclosure), representing a 0.2 percentage point decrease compared with 2.8 percent in August 2022 and a 0.1

percentage point decrease from July.

To gain a complete view of the mortgage market and loan performance health, CoreLogic examines all stages of delinquency. In August 2023, the U.S. delinquency and transition rates and their year-over-year changes, were as follows:

- Early-Stage Delinquencies (30 to 59 days past due): 1.3 percent, up from 1.23 percent in August 2022.
- Adverse Delinquency (60 to 89 days past due): 0.43 percent, up from 0.33 percent in August 2022.
- Serious Delinquency (90 days or more past due, including loans in foreclosure): 0.93 percent, down from 1.23 percent in August 2022 and a high of 4.33 percent in August 2020.
- Foreclosure Inventory Rate (the share of mortgages in some stage of the foreclosure process): 0.33 percent, unchanged from August 2022.

"U.S. mortgage performance remained strong in August, supported by a robust job market and a healthy economy," said Molly Boesel, principal economist at CoreLogic. "However, this thriving job market comes at a time when interest rates are quickly rising, which is keeping many potential homebuyers from being able to secure a mortgage."

Overstock rebranding as 'Beyond'

Midvale-based Overstock.com Inc. has announced that it will change its corporate name to Beyond Inc., effective Nov. 6. Concurrent with the corporate name change, the company will transfer its stock listing from the Nasdaq Global Market to the New York Stock Exchange and change its ticker symbol from OSTK to BYON.

In June, Overstock acquired the Bed Bath & Beyond brand and associated intellectual property. Overstock was rebranded as Bed Bath & Beyond, dropping its overstock.com web presence and launching bedbathandbeyond.ca in Canada on June 29, followed by bedbathandbeyond.com and the brand's new mobile app in the United States on Aug. 1.

Following the corporate name change, Beyond Inc. will continue to operate its furniture and home furnishings ecommerce business under the Bed Bath & Beyond brand.

Bed Bath & Beyond sells a broad array of on-trend home products, including furniture, bedding and bath, patio and outdoor, area rugs, tabletop and cookware, décor, storage and organization, small appliances, home improvement and more.

"Changing our corporate name to Beyond, Inc. sets us up well for a brighter future," said CEO Jonathan Johnson. "As we continue the process of transforming our consumer brand, our new corporate name will help us reach millions of new customers with our advantageous and differentiated, asset-light e-commerce business model. The name Beyond emphasizes our commitment to connect new and legacy customers with a wide assortment of products and services. Since our founding in 1999, the company has focused on bringing technical expertise to e-commerce and providing a simple and easy experience for consumers and supplier partners. We expect the corporate name change to enhance the awareness of our iconic consumer brand, Bed Bath & Beyond."

"We are grateful to Nasdaq for their partnership and support over the years," Johnson said. "We are thankful to the NYSE for welcoming us to its prestigious platform. We are excited to join many of the world's biggest consumer brands, as we begin a new chapter in our corporate transformation."

"We are thrilled to welcome Beyond Inc. to the New York Stock Exchange," said Lynn Martin, NYSE president. "Under its new name, Beyond Inc. joins a world-class community of peers in the retail space at its new listing home, where it can leverage the visibility, unmatched trading platform and other advantages only found at the NYSE."

Slavens named president of Nano-Yield

Nano-Yield, a Sandy-based nanotechnology company in the agriculture and turf industries, has named Mark Slavens as its new president and chief operations officer. Slavens had been chief innovation officer for Aqua-Yield since January 2022.

Clark T. Bell, Nano-Yield CEO and co-founder, said that in his new role, Slavens will oversee all corporate operations and brands.

"In under two years, Mark has led our innovations efforts, launched new brands and increased our technology stack. Mark is the perfect fit to lead the development of our growing line of brands as we continue to grow," Bell said.

Bell said that the Nano-Yield will continue as the corporate name and in international operations under Slavens' direction, while domestic operations will continue under the company's Aqua-Yield brand. The firm also operates under brand names Turf NanoTech with a focus on products used primarily on professional turf such as

golf courses and sports fields, and Nano-Coat for granular coatings.

"Nanotechnology within agriculture requires continual and consistent innovation," said Slavens. "We strive on a daily basis to produce products and processes that will benefit the farmer. My new role as president and COO simply allows Nano-Yield to work towards these goals with sights set on the entire worldwide organization. I couldn't be more honored to help lead this company to what we truly believe is a course to maintain our position as the world leader in agriculture-based nanotechnology."

Along with Slavens' move, other company officers have been given new responsibilities. Landon Bunderson will remain as the chief science officer and will now also oversee domestic products and practices as general manager. Brooke Rosqvist has been named brand manager of Nano-Cote, Garrett Olsen has been named director of research and development, and Josh Roberts, in addition to his chief financial officer responsibilities, will lead the Nano-Yield supply chain.



Mark Slavens



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NEWS

D.C. group says Utah third-worst in nation for housing underproduction in 2021

Up for Growth, a Washington, D.C.-based cross-sector advocacy group working to solve the nation's housing shortage and affordability crisis, has found that housing underproduction in Utah reached a shortage of 61,057 homes in 2021, earning a third-place ranking among U.S. states for the severity of its housing deficit.

Nationwide housing underproduction reached 3.9 million homes in 2021, a 3 percent jump from 2019, according to "Housing Underproduction in the U.S. 2023," a study of housing trends. The report also shows a national housing deficit spreading to America's suburbs,

small towns and rural areas — a dramatic shift from earlier findings that revealed a crisis driven primarily by shortages in U.S. coastal and urban areas.

"Not a single state is providing enough housing for its citizens, and the nation is poorer, less diverse and less dynamic than it could be if everyone who wanted it had access to affordable shelter in high-opportunity areas," said Mike Kingsella, CEO of Up for Growth. "Policymakers must make the straightforward but difficult choice to prioritize new funding sources that allow for diverse housing types, to invest in construction innovations, and to bolster infrastructure fund-

ing despite the risks posed by 'not-in-my-backyard' opposition. Only then will we slow the pace of housing underproduction and, over time, begin to reverse it."

For the first time in nearly a decade, housing shortages eased in the country's major metropolitan areas as thousands of Americans chose to abandon high-cost urban centers during the pandemic. From 2019-2021 this migration created an 11 percent spike in the housing deficit in non-urban areas and led to a 32 percent increase in the number of U.S. counties — mostly rural and suburban — with housing shortages.

"On its surface, an easing of the

housing shortage in urban areas seems like positive news for homeowners and renters. Instead, it tells the story of a deepening crisis resulting from a century of exclusionary housing policy and set off nearly a decade ago by major demographic shifts, a historic economic recession and chronic housing underproduction," said Kingsella. "The COVID-19 pandemic enabled thousands of Americans, abruptly freed from the need to go into offices every day, to abandon high-cost urban centers in favor of suburbs, small towns and rural communities where the housing crisis has intensified."

CORPORATE FINANCIAL REPORTS

The following are recent financial reports as posted by selected Utah corporations:

Zions

Zions Bancorporation NA, based in Salt Lake City, reported net earnings applicable to shareholders of \$168 million, or \$1.13 per share, for the third quarter ended Sept. 30. That compares with \$211 million, or \$1.40 per share, for the same quarter a year earlier.

Zions operates banks in 11 western states.

"Our third-quarter results reflect a stabilization of the net interest margin in the wake of the industry-wide turbulence earlier in the year," Harris H. Simmons, chairman and CEO, said in announcing the results. "While loan demand weakened in the third quarter, we were pleased with the growth in cus-

tomers deposits, which increased 5 percent over the past three months, while higher-cost brokered deposits and short-term borrowed funds decreased 23 percent and 21 percent, respectively."

Simmons said credit quality "remains well controlled" and capital continues to strengthen.

Overstock.com

Overstock.com Inc., based in Midvale, reported a net loss of \$63 million, or \$1.39 per share, for the third quarter ended Sept. 30. That compares with a loss of \$37 million, or 81 cents per share, for the same quarter a year earlier.

Revenue in the most recent quarter totaled \$373 million, down from \$460.3 million in the year-earlier quarter.

Overstock.com is the owner of the Bed Bath & Beyond brand and intel-

lectual property related to the brand. Bed Bath & Beyond is an online home furnishings and furniture retailer in the United States and Canada.

Overstock.com Inc acquired the Bed Bath & Beyond brand and associated intellectual property in late June. It will change its corporate name to Beyond Inc. and change its ticker symbol to "BYON," both effective Nov. 6.

"Over the last three months, we have accelerated efforts to build a company with a bigger, brighter and bolder future," Jonathan Johnson, CEO, said in announcing the results.

He noted that the company is in the early stages of capitalizing on the acquisition. "Since launching the new Bed Bath & Beyond in the U.S. on Aug. 1, we have been successful in acquiring new customers and reactivating past customers. Total active customers

grew sequentially after over two years. As I've said from the onset, growing the customer file is our primary measure of success. Orders have returned to positive year-over-year growth for the first time in over two years. This acquisition has positioned us for growth over the long term."

Utah Medical Products

Utah Medical Products Inc., based in Salt Lake City, reported net income of \$3.9 million, or \$1.08 per share, for the third quarter ended Sept. 30. That compares with \$4.3 million, or \$1.18 per share, for the year-earlier quarter.

Sales in the most recent quarter totaled \$12.5 million, down from \$13 million in the year-earlier quarter.

Utah Medical develops, manufactures and markets disposable and reusable specialty medical devices.



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Work Daze

Snoozing your way to success

You're late.

I've been waiting, like forever, for you to read this week's column. And now you finally arrive, full of excuses. You were up half the night and overslept, and you were so tired this morning that you couldn't get your real work done. (As if reading this column wasn't real work.)

Whatever excuse you make, whatever reprimand you expect, I have a surprise for you.

I'm not mad; I'm glad.

The ability to sleep through the workday is the No. 1 skill you need for business success. After all, it's not the work you avoid that gets you into trouble; it's the work you do.

Which brings me to an eye-opening message I recently received from Sleep-Foundation.org. Titled "Sleepless Nights: How to Function on No Sleep," the email focuses on how to look like you're ready to work when you're really ready for bed.

"There are certain actions you can take," authors Jay Summer and Dr. Nilong Vyas suggest, "to help you stay up after a sleepless night and remain alert enough to get through work."

I say, change "you can take" to "you can avoid" and you've got a real chance to sleep all night and sleep all day, as

well. I call it a snooze-snooze. You'll call it a win-win.

No. 1: Healthy Meals

Those who want to stay awake are advised to eat a breakfast high in omega-3 fatty acids, such as fish, seafood, grains and nuts. There's nothing wrong with these choices, except for being depressing and disgusting, as long as you top off your healthy breakfast with a pint or three of Chubby Hubby.

The "initial energy boost" from the ice cream will get you safely to the office and then fade away, leaving you ready, willing and completely able to doze the morning away.

(Medical warning: Eating large quantities of ice cream can give you a condition called Brain Freeze, which may not be covered by your company's medical insurance. Check with HR. If their brains are frozen, you're OK.)

No. 2: Strategically Use Caffeine

Science tells us that "ingesting caffeine can potentially improve physical performance and enhance cognitive ability."

Ingesting caffeine at work produces high levels of coffee snobbery, resulting in endlessly annoying office bickering about growing regions, slurry agitation

and how anyone who uses a blade instead of a burr grinder should be shot.

Solve the problem by treating everyone to the foul brew you make at home. If that doesn't kill coffee drinking in your office, nothing will.

No. 3: Avoid Driving If You Are Too Sleepy

Don't drive drowsy! The goal is to be awake and alert on your morning commute and then fall asleep the minute you get to work.

I recommend scheduling early morning meetings with your manager. As they ramble on about how hard they work, and how no one appreciates how difficult their job is, and whether they should buy a BMW i7 or a Mercedes-Maybach EQS 680, you will find yourself drifting off to dreamland.

Do try to end the meeting before you lose consciousness. The workday will be over by the time your manager realizes you are sound asleep, and being found totally comatose by the night crew is not a good look.

No. 4: Stay Active

Exercise is something the career sleepyhead must avoid.

When your coworkers start their day with a trip to a gym or a yoga class, explain that you have serious and totally untreatable phantom joint pain that makes

it impossible for you to leave your desk. If you have to spend the day ouching and moaning, it's a small price to pay for the sympathy you will receive.

The downside with this strategy is that you will be bombarded with advice on how to stretch and where to apply heat, ice and tapioca pudding.

When this becomes intolerable, complain to HR. The scorn and humiliation you face for not loving Pilates is definitely workplace abuse.

No. 5: Power Nap

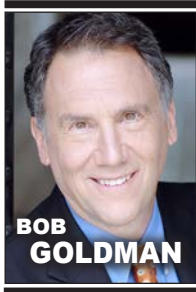
A power nap lasting between 10 and 20 minutes "helps people feel less sleepy, improves memory and helps regulate emotions."

A power nap eight hours long will erase all memories of what you were supposed to do at work that day and generate emotions of pure joy as you wake up to discover you have slept the workday away and got paid for it, too.

And now that you've reached the end of this column, you should start a power nap. It could be my writing, but you're looking really sleepy.

Bob Goldman was an advertising executive at a Fortune 500 company. He offers a virtual shoulder to cry on at bob@bgplanning.com.

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FROM THE COACH

How shall we lead in perilous times?

Well, here we go again...

Those of us who work as coaches, advisors and mentors are accustomed to addressing the *internal* problems that challenge business leaders. However, most of us were taken completely by surprise when we found ourselves faced with the unprecedented *external* adversity that seemingly emerged out of nowhere in the form of COVID-19.

When we were suddenly locked down, I have to admit I found myself uncomfortable and perplexed. For well over three decades, I have fielded the internal issues faced by my clients without much angst. Financial, customer and operational

concerns are in my wheelhouse. But this was something I had never experienced.

COVID forced me into a new world of worry, and deep thought — and intense discussions with my own mentors in an effort to come to grips with what we were facing. For the most part, the conclusions we reached were that while we could not solve the external issues that had been foisted upon us, we needed to adopt a “can-do” attitude and stay focused on the internal challenges that continued to be critical for the success of our clients. These were their controllables — and the pandemic hadn’t taken them away.



RICH TYSON

It was, of course, important to stay abreast of the news regarding COVID on a daily basis, but we needed to be careful that we didn’t allow ourselves or our clients to be overwhelmed by it.

While we continue to deal with the long-term effects of the pandemic, we are grateful that the need for lockdown is over. We are also grateful that most of our clients stayed focused on the internal problems and opportunities within their own companies. They controlled what they could, with an eye to surviving the external threat of COVID. Most of them did this very well.

Which brings us to today.

We can be grateful that the worldwide pandemic is largely under control, but we are now faced with new external

challenges that are beyond the control of most business leaders. A violent and horrific war has come to the Middle East, our borders have failed to curtail an unprecedented immigrant flow that threatens the safety and security that we, as Americans, have always taken for granted, and “smash and grab” crime has become so common that it has led long-time retail businesses to shut their doors. Add all this to “acts of God” like earthquakes, hurricanes and tornadoes — and it is clear that business leaders cannot turn a blind eye to such externalities.

What are we to do? While I believe that it is essential that we keep one eye continually focused on world events, the other must continue to be concentrated on the internal issues that are critical for business success and survival. Primarily, these include:

Financial Management and Sustainability

I believe now is a time for intensifying your attention to cash flow, profitability and sources of funding. In uncertain and perilous times, wisdom suggests that businesses need to develop strategies to conserve sufficient cash to sustain them through economic, political or societal crises. This should be a topic for discussion for every executive team.

Digital Transformation and Technology Adoption

The digital world has evolved so rapidly that many businesses are overwhelmed by technological advances like artificial intelligence, e-commerce and online marketing. As externalities become more threatening, it is clear that there will continue to be new technological responses. Keeping up with these — and learning how to use them — while a daunting challenge, is an existential necessity. Cybersecurity is also a growing concern that virtually all businesses need to address.

Talent Management and Employee Retention

Finding and retaining skilled employees has always been important. In our unsettled post-COVID world, it is even more essential. Today’s workforce is more mobile — and generally less loyal — than ever, making it necessary for leaders to create highly engaging cultures where people buy into well-articulated and highly compelling corporate purposes, missions and values. Training should also focus on strong competency development that builds confident, highly effective and efficient employees. This will be increasingly critical as businesses strive to stay competitive and retain talent.

There is little doubt that the world in which we are doing business is increasingly unsettled. This presents each leader with new strategic and leadership challenges — and opportunities. While we cannot avoid the disruptive effects of emerging and long-term externalities, we can proactively face them with a “can-do” mindset and a focus on the internal issues that are within our control. Great leaders will rise to the occasion that such perilous times offer.

Richard Tyson is the founder, principal owner and president of CEObuilder, which provides forums for consulting and coaching to executives in small businesses.

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Industry Briefs

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ASSOCIATIONS

• The **Utah Plumbing and Heating Contractors Association**, an independent subcontractor association that represents the plumbing and HVAC industry in Utah, has announced the launch of the **UPHCA Academy**, an educational foundation established to further the plumbing trade in Utah. The academy ribbon-cutting ceremony and open house will take place Nov. 9, 9 a.m., at 2824 S. Redwood Road, West Valley City. The academy's goal is to educate and train people in the trades, transforming individuals into a journeyman or master plumber without the cost of a university or college degree. Since the announcement of the upcoming opening of the academy in January, nearly 100 students have already enrolled from throughout Utah. Training will be online, day or night, with labs and hands-on training on-site. RSVPs for the event can be made by contacting contact@uphcaacademy.org or on the UPHCA Facebook page on the "Events" tab.

BANKING

• **Zions Bank** has added **Sidni Shorter** and **Steve Starks** to its Advisory Board. Shorter is CEO of the Utah Black Chamber of Commerce. Starks is CEO of the Larry H. Miller Co. The 20-member board meets quarterly with President and CEO Scott Anderson, Zions Bancorporation Chairman and CEO Harris Simmons and other bank executives to offer market and industry sector perspectives and guidance. Shorter is an entrepreneur, advocate and champion of diversity, equity and inclusion. She has served as CEO of the chamber since April 2022. Prior to that, she was CEO of a Louisiana-based finance and accounting firm. Starks leads the family investment firm that oversees the Miller family's portfolio of businesses and investments. Prior to his time with the Larry H. Miller Co., he was the president of the Utah Jazz and Larry H. Miller Sports & Entertainment. Starks also serves as the governor's Olympic and Paralympic advisor and leads Big League Utah, the coalition aimed at bringing an MLB expansion team to Salt Lake City. He is the past chair of the Salt Lake Chamber Board of Directors, the Economic Development Corporation of Utah, and served on the Weber State University Board of Trustees. Zions Bank operates 121 full-service branches and nearly 200 ATMs throughout Utah, Idaho and Jackson, Wyoming. It is a division of Zions Bancorporation NA, which operates nearly 416 branch offices across 11 western states.



Sidni Shorter



Steve Starks

• **Umpqua Bank**, based in Oregon, has opened its first retail branch in Utah at 10757 S. River Front Parkway, Suite 275, South Jordan. It is the first retail presence since Umpqua Bank's recent merger with Columbia Bank. **Harper Fleming**



Harper Fleming

serves as branch manager of the new location. The team there has experience in consumer, small-business, commercial and corporate, and wealth management services.

COMMUNICATIONS

• **Comcast Corp.** has opened a new Xfinity store at 240 N. Union Ave., L-110, at Station Park in Farmington. The 2,211-square-foot store features several product demonstration zones.

CONTESTS

• Applications are being accepted through Feb. 21 for the **2023-24 Utah Entrepreneur Challenge**, a business-model competition for students at participating colleges and universities in Utah. A total of \$100,000 in cash and prizes will be presented to the top 20 finalists. The competition provided by the **Lassonde Entrepreneur Institute** at the University of Utah and sponsored by **Zions Bank**. Participating teams are judged by industry professionals, experienced entrepreneurs and community experts. Younger students, ages 14-18, are encouraged to complete in the High School Utah Entrepreneur Challenge for a chance to win \$30,000 in prizes and scholarships. Details are at <https://lassonde.utah.edu/uec>.

DIVIDENDS

• The board of directors of **Zions Bancorporation NA**, Salt Lake City, has declared a regular quarterly dividend of 41 cents per common share. The dividend is payable Nov. 16 to shareholders of record Nov. 9. The board also declared regular quarterly cash dividends on the company's various perpetual preferred shares. The dividend for series A, G I and J are payable Dec. 15 to shareholders of record Dec. 1. Zions operates banks in 11 western states.

ENERGY

• **American Battery Factory**, a Lehi-based emerging battery manufacturer, has broken ground on a 2 million-square-foot gigafactory in Tucson, Arizona, which will become the company's global headquarters. The expansion will have an estimated 1,000 jobs, \$1.2 billion in capital investment and \$3.1 billion in economic impact to Arizona, the company said. The company said it plans to have the headquarters, research and development center and the initial factory module built by 2025.

• **IHI Power Services Corp.**, based in California, and **Sunnyside Cogeneration Associates**, based in Sunnyside in Carbon County, have announced an agreement for IPSC to provide operations and maintenance and asset management services for Sunnyside Power Plant, a 51-megawatt waste coal-fired power generation facility in Sunnyside that opened in 1993. IPSC provides service to nearly 50 facilities and 15 gigawatts under its management.

HEALTHCARE

• **Sentient**, a Park City-based aesthetic medical device provider, has appointed **Brian Kirk** as chief marketing officer and **Jennifer Redmond** as chief revenue officer. Kirk is charged with elevating Sentient's marketing investment to support the success of Tixel by Sentient and Sentient Sculpt while advancing the

Confidence Assured service, financing and warranty offerings. Kirk has more than two decades of experience in branding and marketing, including serving as vice president of marketing at Built Brands LLC. He also conceived and implemented a marketing and brand campaign infrastructure at Purple Innovation LLC and held senior marketing positions at ROKA and Skullcandy Inc. Redmond will be charged with leading the revenue growth functions for the company. She has experience in national sales leadership, marketing and KOL relationship development from more than 18 years in medical aesthetics, including at Endo Aesthetics. She played a role in the strategic planning and execution for the launch of Qwo. Her experience also includes serving as national sales director for Merz Aesthetics.



Brian Kirk



Jennifer Redmond

for Merz Aesthetics.

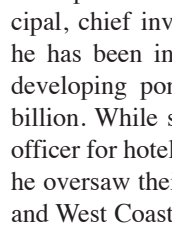
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HOSPITALITY

• **Lodging Dynamics Hospitality Group**, a Provo-based hotel management company, has appointed **Brian Ehrlich** as vice president of business development. Ehrlich has over 20 years of hospitality experience, working with premium-brand hotels and resorts in major markets throughout the United States. He served as vice president and head of acquisitions for the western states at Kimpton Hotels and Resorts. Ehrlich also has investment experience as an owner, executive or advisor with several hotel private equity portfolios. As a principal, chief investment officer or advisor, he has been instrumental in acquiring or developing portfolio assets valued at \$3 billion. While serving as chief investment officer for hotels at Ensemble Investments, he oversaw their expansion in crucial East and West Coast markets.



Brian Ehrlich

NONPROFITS

• The **Unicity Make Life Better**

Foundation, the Provo-based giving arm of Unicity International, has donated **332 pregnant goats** to **Syrian families** this year, benefiting more than 754 individuals. This initiative aims to transform lives and foster resilience among Syrian refugees in Jordan. Many families who have fled their homes during the Syrian civil war rely on goat herding, a revered and skillful profession deeply ingrained in the culture. Through longtime partner **Lifting Hands International** and the "Gather for Goats" initiative, the foundation provided those families with resilient, desert-ready Shami goats, which ensure a sustainable food source through milk, cheese and yogurt. Many recipients can feed their families and sell the surplus goat products, the foundation said.

OUTDOOR RECREATION

• **Utah's ski resorts** have announced their **opening dates** for the 2023-24 winter season. The dates are subject to change. The planned opening dates are Nov. 10 for Brian Head; Nov. 17 for Alta, Park City Mountain, Solitude Mountain Resort and Woodward Park City; Nov. 24 for Snowbasin Resort; Dec. 2 for Deer Valley Resort, Nordic Valley and Sundance Mountain Resort; and Dec. 15 for Eagle Point Resort. Opening dates have yet to be determined for Beaver Mountain, Cherry Peak, Powder Mountain and Snowbird.

• The **Utah Division of Outdoor Recreation** is bringing back the **Utah Children's Outdoor Recreation and Education grant** to provide high-quality, outdoor-focused learning experiences to youth ages 6-18 in Utah. The funding aims to teach youth the physical skills that can make outdoor recreation part of a healthy and active lifestyle. UCORE complements the state's Every Kid Outdoors Initiative. The grant cycle dates end Dec. 4. The early review deadline is Nov. 17. Eligible applicants include educational institutions, local governments, tribal governments, nonprofit organizations, and state and federal governments. Grant awards are for up to \$15,000, with a suggested 20 percent matching requirement. Details are at recreation.utah.gov/utah-children-outdoor-rec-and-education/.

PARTNERSHIPS

• The **Utah Jazz** and **Black Desert Resort** have announced a partnership designed to expand opportunities for athletes, fans and Utah residents. The partnership aims to engage new and existing fans through exclusive benefits, private lounges, cohesive content and special packages. The venture includes the rebranding of the LGCY Club at Delta Center to the Black Desert Club and Black Desert Resort branding through the Delta Center. Plans are underway to elevate the Utah Jazz experience at Black Desert Resort, with details to be shared in the coming weeks.

• **Revel Media Group**, a Kaysville-based company focused on innovative marketing initiatives, has announced a partnership with **Absen Inc.**, a company focused on direct-view LED solutions. Revel said the partnership aims to produce marketing opportunities and a wave of LED innovations. Revel said the companies will champion each other's products and services, with a specific focus on elevating the presence of Absen's products within covered

see BRIEFS next page

from previous page

professional, minor league, and Division I and II college sporting venues. Revel specializes in digital signage, LED installation and cloud-based content creation and delivery. Absen Inc. is the U.S. subsidiary of Absen, an LED display manufacturer based in Orlando, Florida.

- **Myriad Genetics**, a Salt Lake City-based genetic testing and precision medicine company, and **Qiagen**, based in The Netherlands, have announced a collaboration agreement to develop companion diagnostic tests in the field of cancer. The partnership aims to deliver innovative services and products to pharmaceutical companies, enabling the development and commercialization of proprietary cancer tests for the U.S. clinical market, and providing distributable companion diagnostic test kits for the global market. Qiagen provides solutions that enable customers to gain molecular insights from samples containing the building blocks of life.



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PHILANTHROPY

- **Young Living Essential Oils**, Lehi, and the **D. Gary Young, Young Living Foundation** recently observed **Hope for Justice's Anti-Slavery Week** by sharing its supply chain efforts to address, mitigate and prevent risks of modern slavery and labor trafficking through the **Slave-Free Alliance**. Along with a \$10,000 donation to Hope for Justice via its membership of the Slave-Free Alliance, the foundation and other participants will share information on how to recognize signs of modern slavery and how to help stop it. Slave-Free Alliance is a social enterprise owned by Hope for Justice and offers consultancy services, technology solutions and a membership program for global anti-trafficking.

REAL ESTATE

- **Lincoln Property Co.**, a global real

estate firm, has purchased **201 Commerce Center Building 6**, a Class A distribution facility in Salt Lake City. Financial terms were not disclosed. The building totals 307,940 square feet on 17.9 acres. It is 100 percent leased to four tenants. **CBRE National Partners** arranged the sale. CBRE's Rebecca Perlmutter, Brett Hartzell, Tom Dischmann, Matt McAfee, Darla Longo, Barbara Perrier, Joe Cesta, Paige Morgan, Michael Longo and Eric Cox represented the seller.

- **Crescent Communities** has had the official grand opening of **Novel Daybreak**, a multifamily rental community at 10678 S. Lake Run Road, South Jordan. It features 400 luxury residences and a Land of a Thousand Hills Coffee and Social that is open to both residents and the public. Novel Daybreak will include a central hub and gathering place named "The Hive," a private resident coffee lounge, the fitness center, a coworking lounge, and work-from-home micro-offices. It also includes the "Field House," an indoor-outdoor sports-themed lounge with arcade games; a gear-share lounge; a repair shop for kayaks, bikes and scooters; and a pet and bike wash. "Pipestem Park" is a festival plaza equipped for food trucks and events, a sand volleyball court and hammocks, and a pet park. Design partners include **Craine Architecture** and **CID Design Group**. The general contractor is **Kier Construction**. MAA provided construction financing.

RECOGNITIONS

- The **Ken Garff Automotive Group** has received the **A. Scott Anderson Ally** award from the **Women's Leadership Institute** for its efforts in promoting equality and diversity within the workplace. As a second-year participant in WLI's ElevateHER Challenge, Ken Garff Automotive pledges to elevate the stature of women's leadership, including increasing retention rates for women, addressing the gender pay gap, supporting women who run for political office, and adding women to boards and committees. With a goal of having 30 percent of team members be women, Ken Garff has implemented several initiatives aimed at promoting diversity and inclusion, including leadership development programs for women, flexible working schedules, and a mentorship program that pairs female employees with executive mentors. Salt Lake City-based Garff Enterprises, the parent company of Ken Garff Automotive Group, has more than 5,000 employees at 65 dealerships in eight states.

- The **U.S. Economic Development Administration** has named UAMMI's "**Advanced Manufacturing of Critical Materials Strategy Development Consortium**" as an **EDA Tech Hub Strategy Development Award** recipient. Since October of last year, and at the request of the Utah Governor's Office of Economic Opportunity, the Utah Advanced Materials & Manufacturing Initiative has been working to grow the ecosystem to support the advanced manufacturing of batteries and critical materials. UAMMI

applied for a Strategy Development Award within the EDA Tech Hub Program. EDA received nearly 400 Tech Hub applications and awarded 31 designations and 29 strategy development grants. Strategy development grants are planning awards for the next round of Phase 1 designations, which could lead to a Phase 2 funding opportunity up to \$75 million.

- **CBC Mortgage Agency**, a South Jordan-based Native American wholly owned and federally chartered housing finance agency, has announced the recipients of its first-ever **Kani Award**, which recognizes the company's correspondent lending partners for their work in advancing homeownership by providing mortgages to low-to-moderate income (LMI) minority and first-time homebuyers. Winners of the Kani Award were selected based on their share of mortgages sold to LMI borrowers during 2022. The award recipients are **Cardinal Financial Co.**, **Everett Financial**, **Fairway Independent Mortgage Corp.**, **Nova Home Loans** and **Paramount Residential Mortgage Group Inc.** To be eligible for the Kani Award, lenders must be active correspondents with at least \$20 million in loan volume during the past year and currently use Chenoa Fund programs. CBC Mortgage Agency operates the Chenoa Fund down payment assistance program that enables first-time and existing homebuyers to access assistance for up to 5 percent of their home price.

- The **Owala FreeSip** water bottle, from Trove Brands LLC of Lehi, and the **Utah Bionic Leg** recently were named to a list of "**Best Inventions of 2023**" by **Time**. The list included 200 innovations. To compile the list, Time solicited nominations from editors and correspondents around the world, and through an online application process, paying special attention to growing fields—such as AI, green energy, and sustainability. They then evaluated each contender on a number of factors, including originality, efficacy, ambition and impact. The Owala FreeSip bottle features a patented sip-or-swig spout; an easy, push-button open lid; and an integrated carry loop that doubles as a lock. The Utah Bionic Leg was created by Tommaso Lenzi, an assistant professor at the University of Utah, and his team with the goal of making its movement closer to that of a natural leg and knee. The leg is undergoing more testing and needs FDA approval, but the team has partnered with prosthetics leader Ottobock to help bring it to the public.

- **Sunwest Bank**, Sandy, has been named a "**Top Workplace in Idaho**" by **TopWorkplaces.com**. The award recognizes the bank for its culture and employee feedback evaluated by independent third-party survey group, Energage. Top Workplaces USA celebrates organizations with 150 or more employees that have built great cultures. Winners of the Top Workplaces USA list are chosen based solely on employee feedback gathered through an employee engagement survey. Founded in 1969, Sunwest is a privately

held commercial bank with operations in California, Arizona, Idaho and Utah.

RETAIL

- **American Freight**, an Ohio-based retailer offering furniture, mattresses and appliances, has expanded into Utah with the opening of four new stores in the Salt Lake City metro area. The first store, occupying 23,000 square feet, will have a grand opening Nov. 10-12 at 4113 Riverdale Road, Ogden. Additional store openings in Layton, Orem and Logan will follow. American Freight has more than 370 locations across 40 states.

SUPPLY CHAIN

- **Savage**, a Midvale-based global provider of supply chain infrastructure and solutions, has named **Jeff Olsen** as a member of its board of directors. Olsen is president and CEO of Boart Longyear, a Salt Lake City-based provider of drilling services, drilling equipment and a performance tooling and technology platform. Olsen was appointed president and CEO in 2016 after serving as chief financial officer since 2014. Before joining Boart Longyear, he served as chief commercial officer



Jeff Olsen

for Rio Tinto's iron and titanium business since 2010. Prior to that, he was CFO for Rio Tinto Minerals for approximately five years and CFO for Rio Tinto Borax for approximately four years. He held other financial roles at Rio Tinto. His experience also includes financial roles at General Chemical Corp. and Xerox Corp. Olsen's education includes a Bachelor of Arts degree from the University of Utah.

TECHNOLOGY

- **Tech9**, a Lehi-based custom software development company, has named **Nate Richard** as chief revenue officer. He will oversee the company's revenue growth and business development strategy. Richard most recently led go-to-market efforts at DataBased. Prior to that, he held leadership roles at Qualtrics and Vivint.



Nate Richard

TRANSPORTATION

- The **Salt Lake City Department of Airports** and **Delta Air Lines** recently unveiled the final 13 gates on **Concourse A-East** along with 11 concessions. It marked the completion of Phase 2 of The New SLC. Among representatives of the new concessions at the event were Milan Patel, owner of OHM Concessions and operator of The Blue Iguana; Wow Bao and Protein Bar & Kitchen; Kris and Ed Primosic, local owners of The Blue Iguana; and Stacy Maxell, owner/operator of Millcreek Coffee Roasters.



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CALENDAR

Calendar listings are provided as a free service to our readers. Information about upcoming events may be sent to brice.w@thecityjournals.com. The submission deadline is one week before publication.

Nov. 6 and other dates

2023 Grant Workshops, a Utah Division of Outdoor Recreation event featuring information about this year's grant programs, including the Utah Outdoor Recreation Grant (UORG), the Recreation Restoration Infrastructure Grant (RRI), the Utah Children's Outdoor Recreation and Education Grant (UCORE), the OHV Recreation Grant (OHVR), the Recreation Trails Program (RTP) and the Land and Water Conservation Fund (LWCF). Workshops take place Nov. 6, 10 a.m.-noon, Centennial Event Center, Duchesne; and 3-6 p.m., Carbon Event & Recreation Complex, Price; Nov. 7, 9-11 a.m., Canyon Country Discovery Center, Monticello; Nov. 8, 9-11 a.m., Community Center, Bicknell; and 2-4 p.m., City Office, Tropic; Nov. 9, 9-11 a.m., Festival Hall and Heritage Theatre, Cedar City; and Sevier County Administration Building, Richfield; Nov. 27, 9-11 a.m., County Administrative Office, Logan; and 3-5 p.m., National Ability Center, Park City; Nov. 28, 9-11 a.m., Public Library, Orem; and 2-4 p.m., Palisade State Park, Sterling; and Nov. 29, 9-11 a.m., Department of Natural Resources, Salt Lake City. Free, but registration is required. Details are at <https://docs.google.com/forms/d/e/1FAIpQLSdKDDeNUdf2JdXagRIMvyYi42VOptlm736rdnyuLTr6CIB6mA/view-form>.

Nov. 6, 13 and 20, 4 p.m.

"Boots 2 Business-Reboot," a U.S. Small Business Administration event that teaches veterans and/or veteran spouses the essential steps to start a business on the right path. Event takes place online. Details are at <https://sba.my.site.com/s/class/a003d000006B6DAA0/utah-district-officeonline20231106reboot>.

Nov. 6, 2-3:30 p.m.

WordPress Workshop, a Small Business Development Center event that takes place online. Details are at <https://clients.utahsbdc.org/events.aspx>.

Nov. 7, noon-12:50 p.m.

"Regulatory Developments in the Life Sciences Sector and How it Impacts Life Sciences Companies," a Mayer Brown event. Topics include "Changes to the Regulatory Landscape for Clinical Trials," "Ensuring Diversity in Clinical Trials," "Conducting Clinical Trials Remotely," "Additional Challenges for Rare Disease Clinical Trials," "Ensuring Compliance and Data Integrity," "How Clinical Trials Affect Representations and Warranties in M&A and Investment Deals" and "IPO Preparedness for Companies with Clinical Trials." Presenters are Mark Bonham, partner, Salt Lake City; and George A. O'Brien, partner, Washington, D.C. In-person location is One Utah Center, 201 S. Main St., Suite 1100, Salt Lake City. Details are at <https://connect.mayerbrown.com/460/14031/compose-email/internal-business-invitation.asp?sid=blankform> or by contacting Ryan Cornellier at rcornellier@mayerbrown.com.

Nov. 7, 2-3:30 p.m.

"Starting Your Business 101," a Small Business Development Center event that takes place online. Details are at <https://clients.utahsbdc.org/events.aspx>.

Nov. 7, 4-6 p.m.

Tourism Mix & Mingle, a ChamberWest event. Location is Pins and Ales, 3601 S. 2700 W., Suite E-105, West Valley City. Cost is \$25. Details are at chamberwest.com.

Nov. 8, 11:30 a.m.-1 p.m.

"Let's Do Lunch," a South Valley Chamber of Commerce event featuring the Leadership South Valley graduation. Speaker Gail Miller, businesswoman and philanthropist, will discuss "Courage to Be You: Inspiring Lessons from An Unexpected Journey." Location is Larry H. Miller Group Corporate Office, 9350 S. 150 E., Suite 900, Sandy. Cost is \$20 for members, \$25 for nonmembers. Details are at southvalleychamber.com.

Nov. 8, 5-7 p.m.

"Business After Hours," an Ogden-Weber Chamber of Commerce event. Location is Weber Human Services, 237 26th St., Ogden. Free for chamber members and first-time guests, \$10 for non-member guests. Details are at ogdenweberchamber.com.

Nov. 8, 6-7:30 p.m.

"Online Marketing Fundamentals," a Small Business Development Center event that takes place online. Details are at <https://clients.utahsbdc.org/events.aspx>.

Nov. 9, 7:30 a.m.-4:45 p.m.

Utah Life Sciences Summit, a BioUtah event presented by Mayer Brown. Location is Salt Palace Convention Center, 100 S. West Temple, Salt Lake City. Details are at <https://utahlifesciencesummit.com/>.

Nov. 9, 9 a.m.-3 p.m.

"Sports Diplomacy: Leveling the Socioeconomic Playing Field," a Utah Global Diplomacy event focusing on how social programs and business support helps level the sports playing fields for everyone. Speakers include Utah First Lady Abby Cox; Neftalie William, "skateboard diplomat"; Catherine Raney Norman, Olympian and chair of the Salt Lake City-Utah Committee for the Games; Michael Sarraille, former Navy Seal and founder of the 7xProject; and Adam Miles, founder of Refugee Soccer. Location is Utah Cultural Celebration Center, 1355 W. 3100 S., West Valley City. Free, and open to the public (registration is required). Details are at <https://utahglobaldiplomacy.org/events/full-calendar/world-affairs-symposium-series/sports-diplomacy-symposium>.

Nov. 9, 9 a.m.

UPHCA Academy Launch, a Utah Plumbing and Heating Contractors Association event. The academy aims to further the plumbing trade in Utah through education and training. Location for ribbon-cutting and open house is 2824 S. Redwood Road, West Valley City.

RSVPs for the event can be made by contacting contact@uphcaacademy.org or on the UPHCA Facebook page on the "Events" tab.

Nov. 9, 10 a.m.-4:30 p.m.

Annual Regional Solutions Event: Zoning Reform for Housing Affordability, presented by Salt Lake County. Event focuses on zoning reform as a tool to increase housing attainability. Morning keynote presenter Arnab Chakraborty, dean of the University of Utah's College of Architecture and Planning, will discuss the national momentum for zoning reform and what is driving cities to change. Luncheon presenter is Jerusalem Demas, staff writer at *The Atlantic*. Afternoon presenter Arthur C. Nelson, emeritus professor of urban planning and real estate development at the University of Arizona and emeritus presidential professor of city and metropolitan planning at the University of Utah, will discuss the mismatch between planning and zoning. Panel discuss features Chakraborty; Turner Bitton, founder of SLC Neighbors for More Neighbors; and Christine Richman, director of planning and economic development at GSBS Architects. The panel will address constraints on zoning reform and identify solutions for cities looking to increase housing attainability for those in their communities. Location is Viridian Event Center, 8030 S. 1825 W., West Jordan. Cost is \$50. Public tickets are available at sco.to/RegSolutionsRSVP. Details are at sco.to/RegSolutions.

Nov. 9, 10-11 a.m.

"Business Community Roundtable," a Point of the Mountain Chamber of Commerce event. Activities include a discussion titled "Signage: What is Allowed," and a question-and-answer period about planning, zoning and economic development topics. Location is Public Safety Community Room, 367 S. Saratoga Road, Saratoga Springs. Details are at thepointchamber.com.

Nov. 9, 11:30 a.m.-1 p.m.

"Lunch & Learn," a Box Elder Chamber of Commerce event. Location is Bridgerland Technical College, 325 W. 1100 S., Brigham City. Cost is \$10 per person. Details are at boxelderchamber.com.

Nov. 9, 11:30 a.m.-1 p.m.

Utah Women's Professional Network Kickoff, hosted by ACG (Association for Corporate Growth) Utah. Location is IMA, 95 S. State St., Salt Lake City. Details are at <https://www.acg.org/utah/events/utah-womens-professional-network-kickoff>.

Nov. 9, 6-8 p.m.

"Business Essentials," a Small Business Development Center event that takes place online. Details are at <https://clients.utahsbdc.org/events.aspx>.

Nov. 10, 8 a.m.-4 p.m.

Moral & Ethical Leadership Conference, presented by the Salt Lake City chapter of the BYU Management Society. Theme is "Timeless Perspectives in Leadership." Speakers include former Gov. Gary Herbert; John Dougall, Utah

state auditor; Virginia Pearce, director of Utah Film Commission; Boyd Matheson, opinion editor for the *Deseret News* and host of KSL-TV "Sunday Edition"; and Nathan Osmond, entertainer and entrepreneur. Location is Zions Bank Technology Center, 7860 S. Bingham Junction Blvd., Midvale. Details are at <https://byums.byu.edu/us-salt-lake/>.

Nov. 11, 5-10 p.m.

Warrior Rising "Business Shower," presented by Warrior Rising, a veteran entrepreneur nonprofit. The event will include veteran entrepreneurs from across the nation showcasing their business ideas to industry experts for a chance to receive a sizable financial grant. The guest speaker is David Goggins, Navy SEAL and best-selling author. The title sponsor is Black Rifle Coffee Co., which is donating \$250,000 to fuel the next generation of veteran entrepreneurs. Location is Hyatt Regency Salt Lake City, 170 S. West Temple, Salt Lake City. Individual tickets are \$500. Details are at warriorrising.org under the "Events" tab in the menu bar.

Nov. 14, 7:15-9 a.m.

Breakfast Speaker Series, an ACG (Association for Corporate Growth) Utah event. Speaker is Brandon Mackay, CEO and president, Snugz USA. Location is Zions Bank, 1 S. Main St., Salt Lake City. Free for members, \$30 for nonmembers. Details are at <https://www.acg.org/utah/events/utah-november-2023-breakfast-speaker-series>.

Nov. 14, 7:15 a.m.-3 p.m.

Annual Fall Business Conference, a ChamberWest event. Keynote presenter Robert Spendlove, senior economist, Zions Bank, will discuss "Navigating by the Stars in Cloudy Skies." Keynote presenter Annette York, senior consultant, FranklinCovey, will discuss "The Road to Trust: Navigating Difficult Conversations to Reach Higher Performance." Event also includes five breakout sessions and a panel of mayors from West Jordan, West Valley City and Taylorsville. Location is Utah Cultural Celebration Center, 1355 W. 3100 S., West Valley City. Cost is \$99 for members (\$125 after Nov. 8), \$125 for nonmembers. Details to be announced at chamberwest.com.

Nov. 14, 8:30 a.m.-7:30 p.m.

Apprenticeship Utah Summit and Job Fair, a Utah Department of Workforce Services event. Theme is "Innovate, Collaborate, Elevate: Shaping Utah's Workforce through Apprenticeships." Summit takes place 8:30 a.m.-4:30 p.m. Showcase and job fair takes place 4:30-7:30 p.m. Location is The Tower at Rice-Eccles Stadium, University of Utah, 451 S. 1400 E., Salt Lake City. Free. Details are at apprenticeship.utah.gov.

Nov. 14, 10-11 a.m.

"Utah Business Bridge: Access to Capital," sponsored by the Governor's Office of Economic Opportunity and the Small Business Administration. Quarterly event features information about small-business resources available throughout the state. Event takes place online.

TRANSPORTATION

from page 1

“As Utah’s Unified Transportation Plan is implemented, Utahns will experience more ways to get to their destinations,” the joint planners said in their release statement. “The plan provides transportation alternatives to improve health, safety and air quality. It boosts transportation efficiency and better connects Utahns to their jobs and other destinations.”

The plan outlines the benefits in its implementation, including:

- Utah households will on average experience 5.8 fewer days driving, freeing up time for other activities.
- Utah’s economy will strengthen through increased investment in infrastructure, with each dollar invested multiplying 2.5 times through economic and job growth.
- Utah’s GDP will grow by approximately \$247 billion and more than 271,000 jobs will be added.
- Utahns will breathe cleaner air, with a projected statewide reduction in emis-

sions of 13 percent.

• Active transportation pathways will be increased by 4,700 miles, roughly equal to the distance of riding a bicycle from Salt Lake City to Boston and back again.

Beyond community and statewide benefits, this edition of the plan features stories about Utahns who have benefited from Utah’s transportation system in everyday ways. These stories are threaded into the presentation of the plan.

Previous versions of the plan, including the most recent release in 2019, have been nationally recognized by the U.S. Department of Transportation as a national model for being collaborative, comprehensive and demonstrating the principle that collaboration brings superior results.

“Utah’s great quality of life keeps generations of families here and attracts many new residents every year,” said Gov. Spencer Cox. “Careful, collaborative transportation planning is key to ensuring safe, efficient and comfortable travel for all Utahns. Community health, economic vibrance and livability are closely linked to travel choices — from walking and biking to riding transit to driving. We’re com-

mitted to giving Utahns options and building a system that supports individuals, families, and communities throughout our great state.”

“Transportation projects are expensive and can be difficult to implement. It is critical that projects are a result of a robust, transparent and effective planning process,” said Bryan Cox, Hyde Park mayor and chair of the Cache MPO. “The Utah Unified Transportation Plan is the result of a coordinated and comprehensive planning process that will allow taxpayers to have confidence that public funds are spent in the most cost-effective way to meet the future mobility challenges for all parts of the state.”

“As our state grows, we are committed to providing safe transportation choices for all people to get where they want, when they want, in the way they want,” said Carlos Braceras, UDOT executive director. “Those needs are different today than they were in previous years and in the Unified Plan, transportation partners throughout the state collaborate to identify solutions for the evolving needs that we anticipate in the years ahead.”

CALENDAR

from page 11

Free. Details are at <https://www.sba.gov/event/9786>.

Nov. 14, 11:30 a.m.-1 p.m.

Women in Business Luncheon, an Ogden-Weber Chamber of Commerce event. Location is Jeremiah’s Lodge & Garden, 1329 W. 12th St., Marriott-Slaterville. Cost is \$25 for members and first-time guests, \$35 for nonmembers. Details are at ogdenweberchamber.com.

Nov. 14, 11:30 a.m.-1 p.m.

Leadership Luncheon, a Cache Valley Chamber of Commerce event. Location is Riverwoods Conference Center, 615 Riverwoods Parkway, Logan. Cost is \$20 for members and \$23 for nonmembers pre-registered, \$25 for members and \$28 for nonmembers not pre-registered. Details are at cachechamber.com.

Nov. 15, 11 a.m.-1 p.m.

Business Bootcamp, a South Valley Chamber of Commerce event. Speaker Winthrop Jeanfreau, executive director of iMPact Utah, will discuss “How to Create and Maintain a High-Performance Culture.” Location is Sandy City Hall, 10000 S. Centennial Parkway, Sandy. Cost is \$30 for members, \$50 for nonmembers. Details are at southvalleychamber.com.

Nov. 15, 11 a.m.-1:30 p.m.

“Battle of the Businesses,” a cornhole charity tournament presented by S4K Connects. Location is Sports City Draper, 757 W. 11400 S., Draper. Cost is \$150 for teams of two. Details are at (801) 712-9714.

Nov. 15, 11:30 a.m.-1 p.m.

Business Alliance Networking Luncheon. Location is Boondocks Fun Center, 525 Deseret Drive, Kaysville. Details are at davischamberofcommerce.com.

KCPW

from page 1

news to the 88.3 signal, which broadcasts from a transmitter located in the Oquirrh Mountains southwest of West Valley City and is heard throughout Salt Lake County.

After FCC approval of the transfer of the license, programming for 88.3 will first come from Radio Bilingüe, a Fresno-based nonprofit network and national distributor of public radio programming in Spanish. It has aired on an HD subchannel of KUER since May.

“As our local population continues to grow and diversify, it is important to us to offer an inclusive, bilingual platform for the voices and stories that make up our rich heritage and that propel Utah forward as a stronger, more connected state,” said Jennifer Tarazon, a member of PBS Utah’s advisory board.

“I look forward to our comunidades, our communities, coming together to inform new programming,” said Edgar Zúñiga, PBS Utah Advisory Board member and former KUER host. “This is an exciting time for public media in Utah and as a Colombian-American who grew up in this state, I could not be more thrilled.”

Local programs from KCPW, including “Beyond the Headlines,” “Both Sides of the Aisle” and “Jazz Time with Steve Williams,” will continue to be produced and broadcast by Logan-based Utah Public Radio.



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Connect: Business is done with people you know and trust. The Chamber is committed to connecting like-minded business owners, operators and leaders.



Educate: The Chamber offers a full suite of business education and professional development courses for businesses of all sizes through our Business Institute.



Advocate: The Chamber is the voice of business for the South Valley. We are committed to monitoring and taking action on local, state and national policies that impact businesses.



Grow: The Chamber offers many tools to help promote your brand and connect with potential customers. We do this by providing exposure through our online member directory, social media, and a variety of sponsorship opportunities.

SOUTH VALLEY CHAMBER

Who We Are:

The South Valley Chamber of Commerce (SVC) is committed to Connecting, Educating, Advocating, and Growing for businesses.

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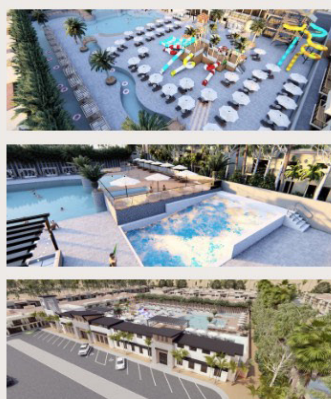
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COX'S ORDER

from page 1

Aubry, CEO of Savage, a privately held company focused on supply chain infrastructure and solutions, endorsed the new effort, saying his company allows employees to spend three hours per month volunteering.

The governor also said he will host a community symposium in January with experts discussing the science, benefits and practice of volunteerism and opportunities for the community to get involved. In addition, Lt. Gov. Henderson will be leading a pilot project for service opportunities in Utah high schools.

The executive order related to incentives notes that Utah's economy consistently ranks among the highest in the nation, receiving high marks for

employment, growth and business environment and that about two-thirds of businesses receiving incentives are based in Utah. "Encouraging businesses to engage in volunteerism will benefit people throughout Utah," it says.

The Governor's Office of Economic Opportunity (GOEO) and the GOEO board will coordinate to develop policies and rulemaking to implement the order.

"In Utah, volunteering is a lifestyle that is woven into the fabric of our communities," said Ryan Starks, GOEO's executive director. "People in Utah naturally step up to make a difference. We think this speaks to the caliber of Utah's business community and economy as a whole. Our office is pleased to support the governor's new initiative integrating community service with business incentives offered by the state."

The most-common incentive awarded by the is the Economic Devel-

opment Tax Increment Financing incentive, with companies evaluated on criteria that includes the average wage of planned new jobs, capital expenditure investment, the type and number of new jobs created, whether or not the jobs are related to headquarters or innovation operations, and the company's corporate citizenry efforts.

EDTIF is a post-performance, refundable tax credit for a portion of new state revenues over the life of the project, which is typically five to 10 years.

Generally, to receive an incentive, companies relocating to or expanding in Utah's urban areas must be in target industries: advanced manufacturing, aerospace and defense, financial services, life sciences and healthcare, or software and information technology. The company must create at least 50 jobs that pay at least 10 percent above the average county wage in urban areas.

Other criteria include the project competing with other locations, significant purchases from Utah vendors or suppliers, and obtaining a commitment from a local government to provide local incentives.

In rural areas, targeted industries are preferred but not required and new jobs must pay at least the average county wage.

GOEO does not provide upfront cash incentives.

Cox's executive order related to state agencies encourages them to organize and implement a service project for employees to provide service together during working hours. It gives participating employees four hours of administrative leave as a reward for participation. It noted that Utah was the top-ranked state for formal volunteer service in 2021, with those efforts contributing an estimated \$2.7 billion in economic value to the state that year.

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Any mineral can be 'CRITICAL'

'Minerals that are unavailable when we need them, should be considered critical.'

- NATIONAL MINING ASSOCIATION

The following was adapted by the author, Utah Mining Association President Brian Somers, from testimony he gave to the Subcommittee on Energy and Mineral Resources of the U.S. House of Representatives in September.

It is important to recognize that mining is something most people never experience firsthand, yet they benefit from the products made possible by mining every single day. From smartphones, medical devices and consumer electronics to new energy technologies and national defense systems, our modern economy and quality of life are supported by mined minerals.

The Utah Mining Association (UMA) was founded in 1915 and represents Utah's hard-rock, coal and industrial mineral mine operators and related support industries. UMA's mission is to advocate on behalf of Utah's mining industry, its workers and the communities they support. Mining is a critical industry

in Utah, contributing \$7.7 billion to the state's GDP, supporting nearly 57,000 direct and indirect jobs and powering Utah's broader economy by producing the coal which provides 62 percent of Utah's low-priced electricity. Mining jobs in Utah are family- and community-sustaining jobs with mining salaries averaging 46 percent more than the average Utah wage.



**BRIAN
SOMERS**

Since Utah's first commercial mining district was established in 1863 — 33 years before Utah became a state — Utah's mining industry has labored diligently to develop Utah's vast mineral wealth and provide the mined commodities markets demand.

Today, we are witnessing a welcome and long overdue public focus on supply chains and mineral production. This is partly due to the supply chain disruptions which everyone experienced during the COVID pandemic. It is partly due to current geopolitical events which

are affecting mineral production and availability, including interference by bad actors like China who seek to distort and control commodity markets. And it is due, I believe, by an increased public awareness of misguided regulatory burdens, policy decisions and investment signals by the federal government which hamper domestic mineral production.

Much of the current public focus and discourse around mineral supply is centered around what are being called "critical minerals." Responding to an executive order from President Donald Trump, the Department of Interior published a list of critical minerals in 2018, which was updated in 2022. We also have competing mineral lists from other parts of the federal government, including a list of critical "materials" from the Department of Energy and the National Defense Stockpile of minerals maintained by the Defense Logistics Agency.

In many ways, the current focus on critical minerals is history repeating itself. A recent report titled "Critical

Minerals of Utah" released by the Utah Geological Survey states, "The concept of critical minerals is not new, and in the United States various lists of commodities and definitions of what qualifies as critical have been developed since the early 1900s."

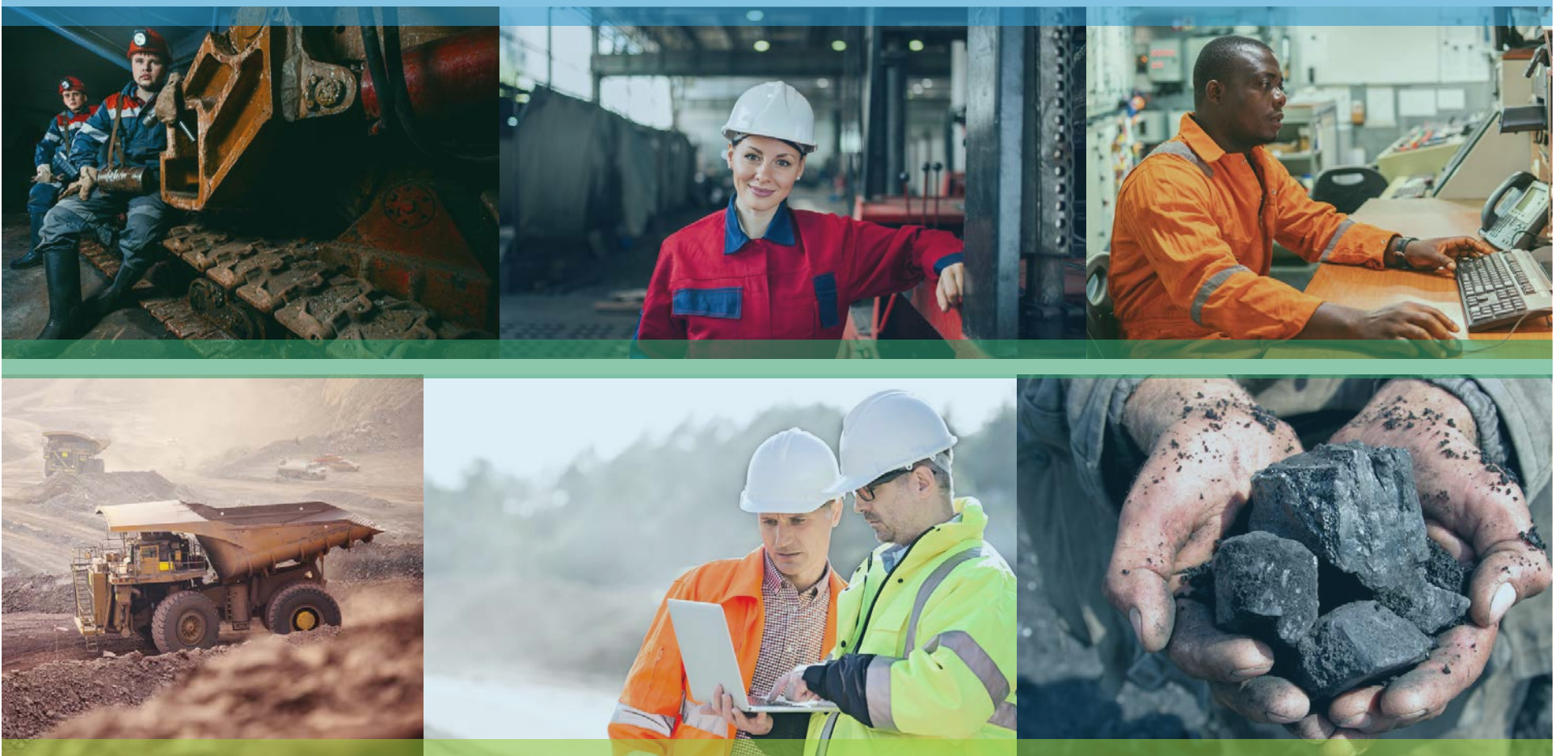
It seems that over the past 100 years, we haven't learned the lesson that making lists of critical minerals — however methodologically sound they might be — is not as useful as letting the diverse demands of free markets, environmental responsibility, operational efficiency, technological innovation, economic security and national security determine which minerals are "critical" at any given time.

More simply, perhaps we could adopt the definition of criticality put forth by the National Mining Association (NMA), which is that, "minerals that are unavailable when we need them, should be considered critical."

see **CRITICAL** page 23



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For over 100 years, the Utah Mining Association has proudly represented an industry that is essential to everyone's lifestyle and standard of living. As the beginning of the supply chain for everything we use and everything we do as a society, the mining industry has a great story to tell, and our association strives to tell that story.

Now, more than ever, we advocate for Utah's mine operations and service partners. We are proud of Utah's record of safe, environmentally friendly mining practices, and we recognize the tremendous economic impact the industry has in Utah and beyond.

utahmining.org

MINING SERVICE PROVIDERS

Listed Alphabetically

SALT LAKE
BUSINESS
JOURNAL **List**

Company Name	Contact Info.	Services Provided	Company Name	Contact Info.	Services Provided
ACF West Inc.	acfwest.com 800-804-1393	Geosynthetic solutions	McNeil Engineering	mcneilengineering.com 801-255-7700	Civil engineering & design services
Ames Construction Inc.	amesconstruction.com 801-977-8012	Heavy civil & industrial construction	Milex Technologies	milextech.com 775-340-4942	Light tower & custom equipment manufacturer
Atkinson Construction	atkn.com 303-985-1660	Heavy civil & industrial construction	Millcreek Engineering Co.	millcreekeng.com 801-904-2260	Engineering & construction management
Barney Trucking	barneytrucking.com 800-524-7930	Trucking services	Monsen Engineering	monsenengineering.com 800-821-0672	Product supply for design/build industry
Barr Engineering	barr.com 801-333-8400	Engineering & environmental consulting	North American Coal	nacoal.com 972-448-5400	Contract mining; technical, environmental & material handling solutions
Boart Longyear	boartlongyear.com 801-972-6430	Drilling equipment & service	NOW CFO	nowcfo.com 801-598-9390	Outsourced CFO, controller, accounting services
Bodell Construction	bodellconstruction.com 801-261-4343	Innovative mining construction services	Parr Brown Gee & Loveless	parrbrown.com 801-532-7840	Legal services, natural resources practice
Bowen Collins & Associates	bowencollins.com 801-495-2224	Engineering & environmental consulting	Parsons Behle & Latimer	parsonsbhle.com 801-532-1234	Legal services, natural resources practice
Brahma Group Inc.	brahmagroupinc.com 801-521-5200	Industrial construction & project management	Pray and Co.	praysolutions.com 775-934-9308	Human resources, PR, org. effectiveness solutions
Brunel	brunel.net 801-987-5946	Recruitment & workforce solutions	Ray Quinney & Nebeker	rqn.com 801-532-1500	Legal services, natural resources practice
C&G Construction	cgconst.com 435-882-1529	Civil construction, excavation, steel erection	Richwood Industries	richwood.com 800-237-6951	Bulk handling equipment distribution & service
Cumberland Surety Inc.	cumberlandsurety.com 800-767-8622	Insurance, underwriting, surety bonds	Robinson Transport Inc.	haulcoal.com 435-529-7472	Trucking services
Dark Horse Timber	darkhorsetimber.com 435-525-1012	Mining timbers, lumber services	Rocky Mountain Industrial	rmiwyoming.com 307-472-5519	Flame-resistant & winter clothing, PPE supply
DC Power Solutions	dcpower.cc 800-326-0691	Large battery sales & service	Savage Services Corp.	savageservices.com 801-944-6600	Transportation, logistics, operations services
Dorsey & Whitney	dorsey.com 801-933-7360	Legal services— natural resources practice	Sapphire Gas Solutions	sapphiregassolutions.com 833-MOBLGAS	Mobile power generation solutions
DP Systems	dpindustrialinc.com 801-886-2170	Industrial scaffolding, insulation, siding	SITECH Intermountain	sitech-im.com 801-978-1619	Mining/construction technology systems
Duff and Phelps	duffandphelps.com 415-693-5367	Corp. finance, valuation, advisory services	Smith Power Products	smithpowerproducts.com 800-658-5352	Equipment, engine rebuild & service
Dyno Nobel	dynonobel.com 801-364-4800	Blasting products & solutions	Snell & Wilmer	swlaw.com 801-257-1900	Legal services, natural resources practice
Em Strategies Inc.	emstrats.com 775-826-8822	Environmental consulting	Stantec Consulting	stantec.com 801-617-3200	Engineering, architecture, project mgmt. services
Epiroc LLC	epiroc.com 844-437-4762	Equipment distribution & service	Stoel Rives LLP	stoel.com 801-328-3131	Legal services, natural resources practice
ERM-Rocky Mountain	erm.com 801-204-4300	Environmental, health, safety consulting	Strata Worldwide	strataworldwide.com 800-691-6601	Advanced mining safety solutions
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Industrial Supply	indsupply.com 801-484-8644	Industrial supplies, MROP materials	Wanzek Construction	wanzek.com 701-282-6171	Heavy civil & industrial construction
Ingenium Design	ingeniumdesign.us 801-413-7672	Engineering & design services	WESCO	wesco.com 801-975-0600	Industrial supply chain solutions
Jennmar Services	jennmarservices.jobs 435-637-9300	Recruitment & workforce solutions	Western Cultural Resource Management	wcrminc.com 303-449-1151	Cultural resource consulting services
Job Industrial Services Inc.	jobindustrial.com 801-433-0901	Engineering, procurement, construction mgmt.	Wheeler Machinery Co.	wheelercat.com 801-796-8333	Equipment distribution & service
Komatsu Equipment Co.	komatsueq.com 877-566-2878	Equipment distribution & service	Wollam Construction Co.	wollam construction.com 801-938-9170	Heavy civil & industrial construction
Komatsu Mining	mining.komatsu 435-636-6100	Equipment distribution & service	Zooks Solutions Inc.	zookssolutions.com 888-772-4613	Recruitment & workforce solutions
Liebherr USA Co.	liebherr.com 307-686-0948	Equipment distribution & service			
Magnum Development	magnumdev.com 801-993-7001	Chemical, gas storage, clean energy storage			



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Program is mitigating the danger posed by Utah's abandoned mines

In Utah, there are 174 mining districts illustrating the rich mining history in the state. Silver, copper, coal and uranium have all been unearthed from Utah's lands. This rich mining legacy has left in its wake thousands of open abandoned mine shafts and adits, dilapidated structures such as headframes and buildings and eroding waste dumps (also known as mine dumps). These waste dumps often contain elevated levels of heavy metals, such as cadmium, arsenic, lead, zinc and other minerals.

The number of abandoned mines on Bureau of Land Management lands in Utah could number between 8,000 and 11,000, but no complete inventory of BLM lands in Utah has ever been conducted.

BLM Utah has made significant strides in safeguarding and cleaning up abandoned hard-rock mines, particularly through the development of state and federal interagency partnerships through the Utah Abandoned Mine Lands Program. By sharing resources and leveraging dollars, that partnership

has resulted in hundreds of mines closed in areas deemed high-priority by the BLM.

Success Story

The San Rafael Swell uranium mine closures project in south-central Utah recently won the Abandoned Mine Land Programs 2016 Hard Rock Abandoned Mine Lands Reclamation Awards for Physical Safety Hazards. The project was completed through a partnership with the State of Utah Abandoned Mine Reclamation Program.

Despite a happy ending, this project posed logistical challenges. The Swell sprawls out over 800 square miles of rugged terrain. In addition, the team was faced with radiation safety protocols, wilderness areas and bighorn sheep lambing.

The San Rafael region contained over 200 abandoned uranium mines that remained open after the mining boom and bust of the Cold War era. The old miners' shacks and car bodies remain as curiosities for visitors recreating in the area.

In addition to the usual range

of acute abandoned mine hazards (falls, cave-ins, getting lost, etc.), there was also exposure to radiation and long-term health risks. This combination of hazards and recreational activity led the BLM Utah and Utah Abandoned Mine Reclamation Program to identify the

mines in the Swell as a priority for reclamation.

Ultimately, 172 mine openings were selected for closure and in doing so, the project protected the public health and safety.

This article was reprinted from blm.gov.



The entrance to a decades-old abandoned mine in the San Rafael Swell region of south-central Utah was recently sealed by workers from the Utah Abandoned Mine Lands project.

MINERAL MINES

Listed Alphabetically

SALT LAKE
BUSINESS
JOURNAL **List**

Mine Name	Commodity	Mine Location	Mining Method	Owner	Year Opened
American Gilsonite	Gilsonite	Near Vernal, Uintah Co.	Sub-surface	American Gilsonite	1904
Ash Grove	Portland cement products	Leamington, Millard Co.	Surface	Ash Grove Cement Co.	1980
Cricket Mountain	Limestome, limestone products	Near Delta, Millard Co.	Surface	Graymont Corp.	*
Devil's Slide	Limestone, cement products	East of Morgan, Morgan Co.	Surface	Holcim Inc.	1904
Enefit American	Oil shale	Uinta Basin, Uintah Co.	Surface	Enefit American Oil	*
Grantsville Facility	Limestone, limestone products	Grantsville, Tooele Co.	Surface	Lhoist North America	*
Great Salt Lake Minerals	Sulfate of potash, magnesium chloride	Great Salt Lake, Tooele Co.	Solar evaporation	Compass Minerals	1972
Moab Facility	Potash	Near Moab, Kane Co.	Solar evaporation	Intrepid Potash Inc.	1965
Morton Salt	Salt	Great Salt Lake, Tooele Co.	Solar evaporation	Morton Salt	*
Red Leaf Resources	Oil shale	Uinta Basin, Uintah Co.	Surface	Red Leaf Resources Inc.	*
Redmond Mine	Salt, bentonite	Redmond, Sevier Co.	Underground, surface	Redmond Minerals	1958
Sevier Playa	Potash	Sevier Dry Lake, Millard Co.	Solar evaporation	EMR Capital Investments	*
Simplot Vernal Mine	Phosphates and derivatives	Near Vernal, Uintah Co.	Surface	J.R. Simplot Co.	1960
Timple Facility	Salt	Great Salt Lake, Tooele Co.	Solar evaporation	Cargil Salt Inc.	*
US Gypsum	Gypsum	Sigurd, Sevier Co.	Surface	US Gypsum	*
Utelite Mine	Expanded shale	Coalville, Summit Co.	Surface	Utelite Corp.	1962
Wendover Facility	Potash	Great Salt Lake, Tooele Co.	Solar evaporation	Intrepid Potash Inc.	1938
Western Clay	Bentonite	Aurora, Sevier Co.	Surface	Western Clay Corp.	1963

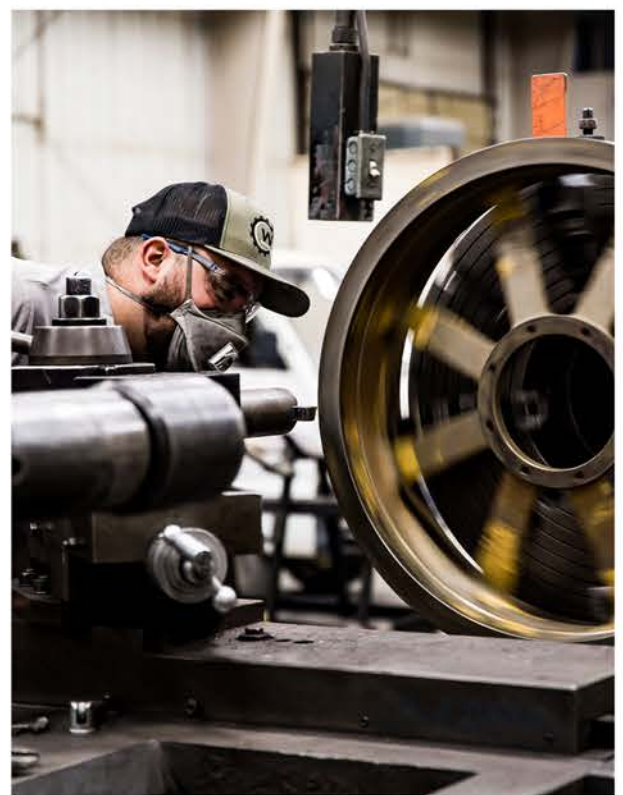
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COAL MINES

Ranked by Short Tons Produced 2022

SALT LAKE
BUSINESS
JOURNAL **List**

Mine	County	Coal Field	Company	Thousand Short Tons Produced
1 SUFCO	Sevier	Wasatch Plateau	Wolverine Fuels	3,882
2 Skyline No. 3	Carbon/Emery/Sanpete	Wasatch Plateau	Wolverine Fuels	2,521
3 Lila Canyon Mine	Emery	Book Cliffs	American Consolidated Natural Resources	2,299
4 Emery	Emery	Emery	Bronco Utah Operations	1,063
5 Castle Valley No. 3	Emery	Emery	Gentry Mining	600
6 Coal Hollow Mine	Kane	Alton	Alton Coal Development	354
7 Castle Valley No. 4	Emery	Emery	Gentry Mining	*
8 Dugout Canyon Mine	Carbon	Book Cliffs	Wolverine Fuels	*

* Did not disclose. All rights reserved. Copyright 2023 by Salt Lake Business Journal. The Enterprise strives for accuracy in its list publications. If you see errors or omissions in this list, please contact us at lists@slbusinessjournal.com.
Data Source: U.S. Energy Information Administration

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METAL MINES

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Mine Name	Commodity	Mine Location	Mining Method	Owner	Year Opened
Bingham Canyon Mine	Copper, gold, silver, molybdenum	Bingham Canyon, Salt Lake Co.	Surface	Rio Tinto Kennecott	1906
Deer Trail Mine	Silver, gold, lead, zinc	Marysvale, Piute Co.	Underground	DT Mining/Mag Silver	2020
Gold Springs Project	Gold, silver	Great Basin, NV and UT	Surface	Gold Springs Resources	2020
Henry Mountains Complex (Tony M & Bullfrog mines)	Uranium	Henry Mountains, Garfield Co.	Underground	Energy Fuels Inc.	*
La Sal Complex (Beaver & Pandora mines)	Uranium, vanadium	La Sal Mountains, San Juan Co.	Underground	Energy Fuels Inc.	*
Lisbon Valley Mine	Copper	Lisbon Valley, San Juan Co.	Surface	Lisbon Valley Mining Co.	2004
Spor Mountain Mine	Beryllium	Spor Mountain, Juab Co.	Surface	Materion Natural Resources	1968
Tintic Project	Gold, Silver, Lead, Zinc	Tintic District; Utah/Juab Counties	Underground Osisko Development/Tintic Consolidated Metals	Tamra Mining Co. LLC	2020
US Magnesium Facility	Magnesium	Great Salt Lake, Tooele Co.	Solar evaporation	US Magnesium LLC	1972
White Mesa Mill Facility	Uranium, vanadium, alternative feeds	Blanding, San Juan Co.	Mill	Energy Fuels Inc.	1980

*Did not disclose. Please note that some firms chose not to respond, or failed to respond in time to our inquiries. All rights reserved. Copyright 2023 by Salt Lake Business Journal. The Journal strives for accuracy in its list publications. If you see errors or omissions in this list, please contact us at lists@slbusinessjournal.com.

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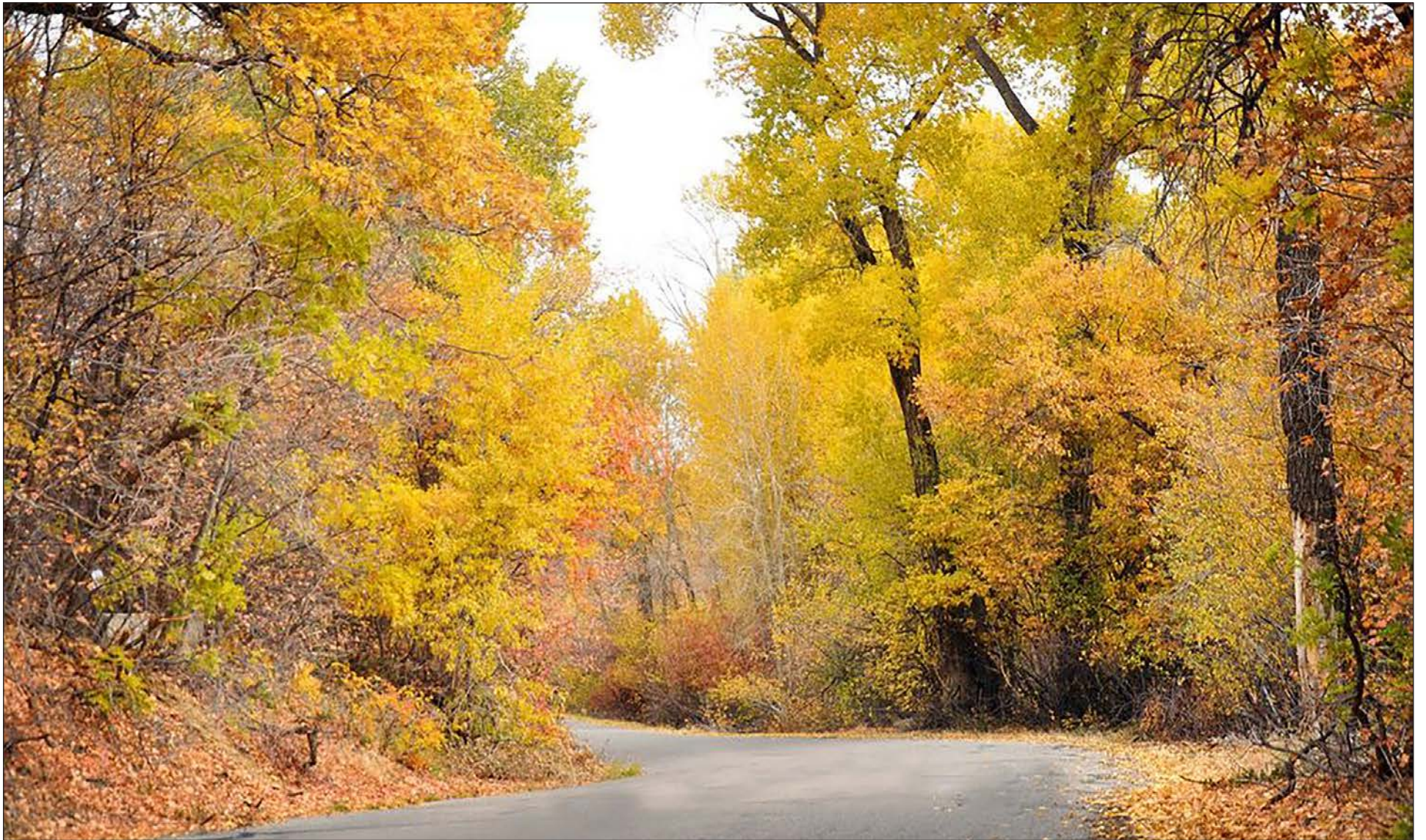
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Former mining site becomes regional park in Salt Lake County

Butterfield Canyon, which once hosted a Rio Tinto Kennecott mine that was part of the Bingham Canyon complex, has turned into the Butterfield Trailhead Regional Park following land reclamation efforts.

Located in the Oquirrh Mountains in southwest Salt Lake County, Butterfield Canyon rises over 9,000 feet above sea level and contains the Butterfield Canyon Road, a paved road owned by Kennecott Utah Copper. The Kennecott mine operations are

famous for being the first to apply large-scale open-pit mining and economical mechanical processing to low-grade copper ores in the ores found in the area.

Bingham Canyon is also considered to be one of the deepest open-pit mines in the world and a top producer, with more than 17 million tons of copper extracted from its pits since 1906.

“We’re so proud to see what’s possible through our environmentally focused reclamation efforts on

what was once a mining site,” said Clayton Walker, Rio Tinto Copper’s chief operating officer. “The community has long asked for access to this beautiful area, and this collaboration with Salt Lake County is our way of finding better ways to offer a safe and fun way for the public to enjoy Butterfield Canyon.”

The 17-acre Butterfield Trailhead Regional Park is the result of a 2022 lease agreement between Salt Lake County and Rio Tinto Kennecott and is part of the Southwest Canyon

Trails Network, which is composed of 2,500 acres including Rose and Yellow Fork canyons.

Use of Butterfield Trailhead Regional Park is specific to trails only and can accommodate adaptive bikes. Two dedicated full-time open space technicians are stationed on-site to manage the trails and work closely with the Bureau of Land Management, Rio Tinto, Herriman City and first responders.

Adapted from a post in [mining.com](https://www.mining.com).

CRITICAL

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Utah provides an example of how, as NMA presciently observed in a comment letter on the first Department of Interior critical minerals list in 2018, “World events can redefine criticality in an amazingly short period of time.” A 2020 report from the Utah Geological Survey stated that Utah hosts 28 of the 35 minerals on the original critical minerals list and had active production of eight of them. When the Department of Interior released the revised critical minerals list in 2022, four of the eight critical minerals Utah was producing were removed from the list: uranium, potash, helium and rhenium.

Just two days before the revised critical minerals list was published in the Federal Register, Russia

invaded Ukraine. In the aftermath of the invasion, global prices for uranium spiked and remain at near-record highs as alternatives to uranium supplied by Russia and Russian-aligned countries are explored, especially in light of the greatly diminished capacity of the U.S.’s once-thriving uranium mining, milling and enrichment industries.

Prices for potash also spiked after the invasion and have remained high given that Russia and Belarus account for 41 percent of global trade in potash, with resulting negative effects on food supply and prices. Ongoing shortages and high prices for helium also continue, putting further strains on the global semiconductor shortage which began during the COVID pandemic as semiconductor manufacturing constitutes the second-largest use of helium worldwide.

Almost in real-time, world events were highlighting the criticality


of uranium, potash and helium as the federal government was downgrading their “official” critical status. It should be noted that Utah is home to the nation’s last functioning conventional uranium mill and is the only state in the union which produces the higher-value sulphate of potash or SOP, which made the exclusion of uranium and potash from the revised critical minerals list especially puzzling to Utahns.

There are many other concerns and inconsistencies related to federal government’s designation of critical minerals and its management of the nation’s mineral estate which also need to be part of the public conversation.

These include the competing federal mineral and material criticality assessments; the accelerated withdrawal of public lands from mineral production during the Biden administration; implications of the fact that many

minerals designated as critical are co-located and produced with other minerals which may not share a criticality designation; the severe diminishment of domestic mineral processing, smelting, refining and other beneficiation capacity over the last few decades; and the federal government’s byzantine and burdensome permitting processes which are far outside the norm of other allied countries with similar environmental and labor standards and which discourage capital investment.

I believe the public can coalesce around the idea that any minerals that are unavailable when we need them should be considered critical. There are far too many minerals which are unnecessarily unavailable or constrained because we have neglected our nation’s vast mineral resources, our highly trained mining workforce and our unrivaled capacity for innovation.



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