Washington Update

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Park City, Utah

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Bluff

Not your average Congress

- Pandemic
- January 6, 2021
- January 6 Committee
- Russia Invasion
- Nation-wide crime – Gun legislation
- Abortion
- China
- North Korea

- COVID relief funding
 Emergency Supplemental Funding
 Infrastructure Funding
 Inflation
- Environmental issues and promises
- Energy policy focus

Congressional Focus

- **2022 Elections Driving Agenda**
 - Inflation
 - Energy Prices
 - January 6 Committee
 - SCOTUS abortion decision
 - Providing Democrats with smaller issue than expected.
 - Primaries:
 - Democrats—progressives vs. rank-and-file D's
 - Republicans—Trumpers vs. not so much Trumpers
 - President's Approval Ratings impacting all policy discussions.

36% approvals provide no leverage to Pelosi and Schumer
 Election prognosis to come....

Biden Administration Regulatory Agenda

– Oil and Gas

- Oil and gas leasing regulations punted to 2023 due to gas prices.
- Royalty rates, fees, and other Rules delayed—originally scheduled for May of 2022.
- Methane and waste prevention, flaring and venting Rules Notice to be published in June or July.
 - Administration: difficult to walk line between environmental progress and gas prices

Mining

- Office of Surface Mining Reclamation and Enforcement proposing new 10 day notices Rule to increase coordination with states.
- Forest Service to propose in July amending mine-approval regulation to expedite review and approval and increase consistency with Interior Rules.
- USFWS will determine by 2023 if Tiehm's Buckwheat which is holding up development of Rhyolite Ridge lithium mine.
- US Forest Service
 - November timeline for final revisions to roadless protection for Tongass National Forest
 - Consider revisions to the Conservation Reserve Program
- Bureau of Land Management
 - Grazing Rules—expect higher Federal fees
 - Update of Wild Horse and Burro Management Rules
- USFWS
 - Listing determination for the Northern long-eared bat—a nation-wide species.
 - Dozens of other ESA decisions are on the docket.

Agency Priorities

- Department of Interior
 - America the Beautiful (30 X 30 Plan)—driving decisions
 - Empowering Tribes
 - Co-management opportunities, energy projects, health, land into trust, water settlements, etc
 - Endangered Species Rules
 - Climate Analysis taking center stage for NEPA reviews
 - Renewable Energy
 - Western Drought
- US Forest Service
 - Fire, fire, and more fire...
 - Fire recovery, rehabilitation
 - Expenditure of Infrastructure and Emergency Funding
 Forest Management: USFS criticized for adding to fire and drought crisis

Pain at the Pump

- President Biden Promised to put oil and gas industry out of business
- Onshore and Offshore Leasing Moratoriums
- Withdrawal of major oil and gas lease sales
- Regulatory Uncertainty—royalty reforms, methane rules, fee increases promised
- Exporter to Importer in 6 months
- Encouragement of OPEC to sell more to US
- Accusations of price gouging
- Demonization of oil & gas industry by capital markets
- Fear of investment in current political and regulatory atmosphere
 Its Russia's fault
- \$5.00 gas and \$5.70 diesel fanning the flames of inflation
- Refining capacity above 96%
 - We haven't built a new refinery in the US since 1977
 - Problem is demand is high post pandemic and constriction point is refining and transportation of refined fuels—not necessarily crude oil supplies
- Fuel tax holiday is "show biz" according to Speaker Pelosi
 - President's call for fuel tax holiday not supported by leading Democrats—a desperate policy reach with little support
 - Policy initiatives of 2021 having lasting impacts and it will take months if not years to reverse

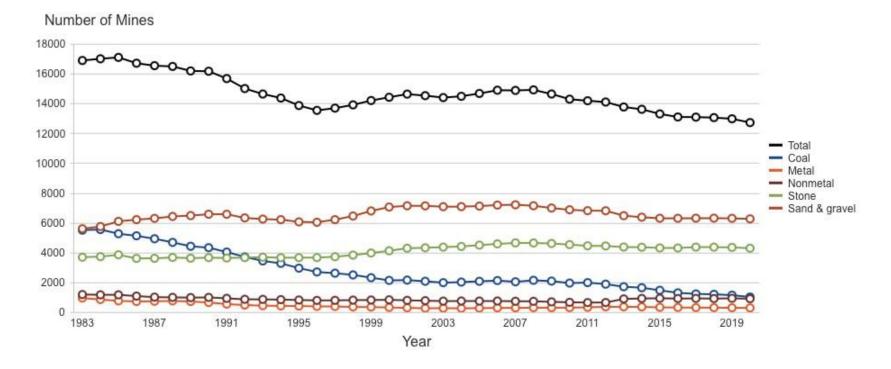
Minerals Policy

- Demand for metals and minerals growing rapidly due to renewable energy and battery demands, technology, defense, medical, and well Apple and the others....
 - Graphite, lithium, and cobalt demands expected to grow by over 450% by 2050 over 2018
 - pre-pandemic levels. Vanadium demands will rise by 200%, nickel demands will double, and silver demands will grow by 60% in less than 23 years.
 - Critical and rare earth minerals focus by Congress—supply chains,
 - Senate Energy Committee has conducted two hearings on minerals policy—House held one hearing on Mining Law reform.
 - Grijalva attempting to drive hardrock mining off of public lands
 - Manchin—measured approach—focus on AML Fund.
- 1872 Mining Law—continues to be under attack
- Environmental Regulation of Mining
 - Mining Footprint on Federal Lands:
 - Approximately 11.5 million federal mineral acres are held by approximately 390,595 active mining claims on Federal lands encumbering approximately 1.6% of the entire federal mineral estate
 - lands actually subject to a mining plan of operations with authorized surface disturbance and the ability to restrict other uses of the land reveals that the footprint is even smaller only impacting 0.06% of the Federal mineral estate

US Minerals and Processing Reliance

- World events magnified Congressional focus on USA reliance on China and Russia for critical and rare earth minerals.
- 100% reliant on foreign nations for 17 mineral commodities and at least 50% import-reliant for an additional 30 mineral commodities
 US imports 80% of silver, 50% nickel, 50% gold, 37% copper
- China possesses ownership of 80% of rare earth minerals needed for U.S. military weapons systems and produces 75 percent of the worlds permanent magnets that are manufactured with rare earth minerals.
 President Biden Executive Order 14017 (Feb. 2021) ordered review of mineral vulnerabilities.
 - Review recommended establishing responsible and sustainable domestic production and processing capabilities for critical materials to support a fully domestic end-to-end battery supply chain
- March of 2022, President Biden issued a Presidential Determination to deploy the Defense Production Act to reduce US reliance on foreign sources of these important minerals.
 - Twin Metals, PolyMet, Resolution Copper, Pebble Mine, Rhyolite Ridge, Thacker Pass
 - Congress has appropriated funding and implemented nation-wide mapping and geologic efforts to better understand and determine US supplies and vulnerabilities.

Number of active mines by sector and year, 1983 - 2020



Note: Active mines are those mines that reported any employee hours during the year. Data Source: MSHA

Mining is not a growing industry in the US

Sage Grouse

- Here we go again...
- 2015 Obama plans—10-million-acre withdrawal with stringent management controls
- 2019 Trump plans—deferential to state management plans in effect today
- Biden planning—EIS process ongoing to abide by court decisions and update70 management plans.
 - Expect a Draft EIS by the end of 2022.
- Reversal of 10-million-acre withdrawal by Secretary Bernhardt did not comply with NEPA—BLM undergoing additional NEPA process regarding withdrawal of lands from leasing and mineral entry.
 - Gunnison Sage Grouse—Notice of Intent to amend plans published on July 6, 2022
 - Affects western Colorado and eastern Utah

Waters of the United States

- December, 2021—EPA and Army Corps published a proposed Rule to reinstate pre-2015 definition of "waters of the US"
- Agencies conducting roundtable discussions with industry and advocacy groups
- Myriad of legal challenges continuing to percolate up

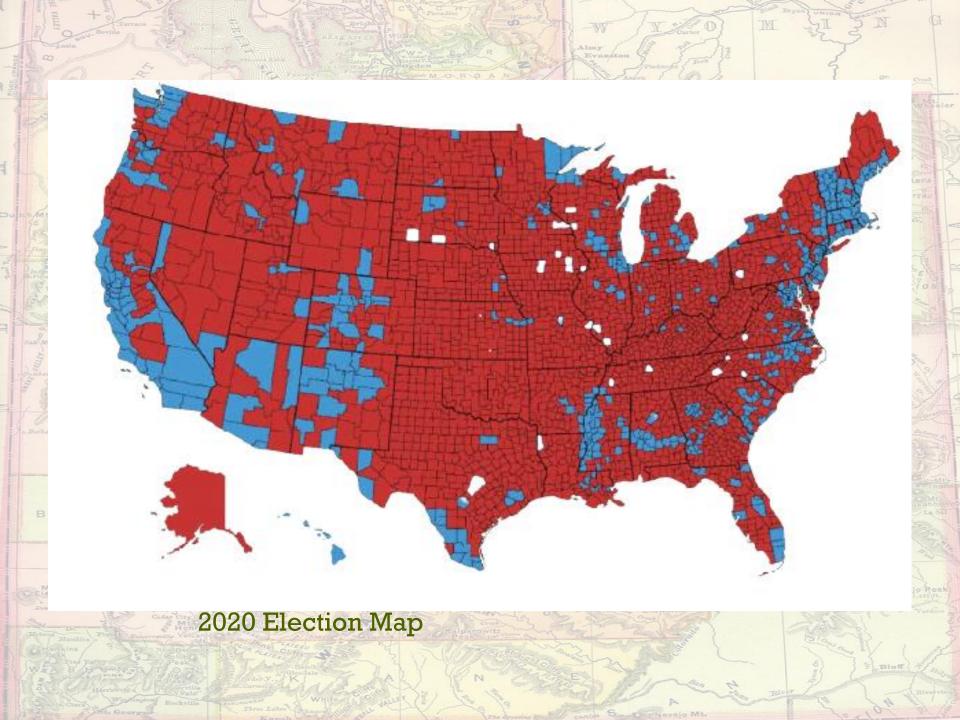
Given the Supreme Court ruling in West Virginia v. EPA, it is clear that Congress will ultimately need to Act to define the term it created. If not, issue will remain in limbo

Wild Horses

- Congress has provided dramatic increases in funding over past 3 years.
- Congress provided clear instruction to BLM:
 - Dramatically reduce populations in Herd Management Areas with greatest overpopulation issues through gathers and removal of horses.
 - Implement large scale off-range pasture and coral facilities
 - Increase use of birth control to maintain reduced population levels
 - Increase adoptions
- BLM gathered 16,000 horses last year
- BLM failing to increase large scale off-range storage facilities
- BLM failing to increase fertility control
 - Drought is responsible for thousands of horse deaths last year and this year we can expect more.

Midterms

- Biden is killing Democrats
- Biden Approval Ratings:
 - RealClearPolitics—38.2%
 - Reuters-36%
 - Monmouth University—36%
 - New York Times/Siena College—33%
 - Only 26% of Democrats want Biden to run in 2024
 - Trump at same point in term was 43.2%--lowest was 33%
 - During this midterm Republicans lost 41 House Seats
 - Issues that matter: Its all about the economy
 - Economy 33%--inflation, gas prices
 - Crime 11%--mass shootings
 - Environment 6%--Democrats over promising
 - Immigration 5%--no plan by Administration
 - Energy Issues 2%--price of gas seen as an economy issue not an energy policy issue
- 88% of Americans believe the US is headed in the wrong direction Americans evenly divided 47%--47% on whether Republicans or Democrats should control Congress



US House

- Current Makeup: 220 Democrats/210 Republicans and 5 vacancies
- Democrat Seats:
 - 162 Solid Democrat
 - 25 Lean Democrat
 - Total 187 Seats
- Republican Seats:
 - 192 Solid Republican
 - 23 Lean Republican
 - Total 215 Seats
 - Republicans only need 3 of the "toss up" seats to win majority.
- 33 Seats Toss Up

US Senate

- Currently 50-50 split in Senate
 2022 Elections:
- 47-48 Solid Democrat Seats
- 50 Solid Republican Seats
- 2-3 Toss up seats: Kelly-AZ, Cortez Masto-NV, Warnock-Georgia

