

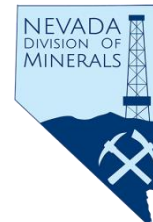
I. AGENDA



JOE LOMBARDO
Governor

STATE OF NEVADA
COMMISSION ON MINERAL RESOURCES
DIVISION OF MINERALS

400 W. King Street, Suite 106
Carson City, Nevada 89703
(775) 684-7040 • Fax (775) 684-7052
<http://minerals.nv.gov/>



ROBERT GHIGLIERI
Administrator

Las Vegas Office: 375 E. Warm Springs Rd. #205, Las Vegas, NV 89119
Phone: (702) 486-4343; Fax: (702) 486-4345

COMMISSION ON MINERAL RESOURCES

Nevada Division of Minerals

Meeting Location:
Capital Building-Guinn Room
101 North Carson Street
Carson City, NV

Microsoft Teams [Need help?](#)

[Join the meeting now](#)

Meeting ID: 216 627 819 93

Passcode: 99e3AJ

Dial in by phone

[+1 775-321-6111,,426311784#](#) United States, Reno

[Find a local number](#)

Phone conference ID: 426 311 784#

Thursday November 07, 2024
1:00 P.M.

AGENDA

CALL TO ORDER

The agenda for this meeting of the Commission on Mineral Resources has been properly posted for this date and time in accordance with the relevant Nevada Revised Statutes ("N.R.S.") and Nevada Administrative Code ("N.A.C.") requirements.

ROLL CALL

COMMENTS BY THE GENERAL PUBLIC

Pursuant to N.R.S. Chapter 241, this time is devoted to comments by the public, if any, and discussion of those comments. No action may be taken upon a matter raised under this item on the agenda until the matter itself has been specifically included on a successive agenda and identified as an item for possible action. Public comments may be limited to 5 minutes for each person

ACTION WILL NOT BE TAKEN

I. AGENDA

A. Approval of the Agenda

FOR POSSIBLE ACTION

II. MINUTES

A. Approval of the August 1, 2024, meeting minutes

FOR POSSIBLE ACTION

III. NEW BUSINESS

- A. University of Nevada Tech Hub Review **FOR POSSIBLE ACTION**
 - Dick Bartholet
- B. Nevada Battery Collation **FOR DISCUSSION ONLY**
 - Caleb Cage
- C. Fluid Minerals Program Review **FOR DISCUSSION ONLY**
 - Dustin Holcomb
- D. 2024 AML Summer Internship Review **FOR DISCUSSION ONLY**
 - Sean Derby

IV. OLD BUSINESS

- A. Great Basin College, Mining Center for Excellence Update **FOR DISCUSSION ONLY**
 - Jake Rivera & Dave Stoddard
- B. NDOM Budget Recap **FOR DISCUSSION ONLY**
 - Garrett Wake
- C. NBMG and CREG Update **FOR POSSIBLE ACTION**
 - Jim Faulds & Simon Jowitt
- D. Nevada Reclamation Award Video Update **FOR POSSIBLE ACTION**
 - Garrett Wake
- E. Administrator Report **FOR DISCUSSION ONLY**
 - Rob Ghiglieri
- F. Appreciation of Deborah Selig **FOR DISCUSSION ONLY**
 - Rob Ghiglieri

V. COMMISSION BUSINESS

- A. Schedule Calendar Year 2025 Commission Meetings **FOR DISCUSSION ONLY**
- B. Correspondence to the Commission. **FOR DISCUSSION ONLY**
- C. Review of staff monthly activity reports. **FOR DISCUSSION ONLY**
- D. Future Agenda Items. **FOR DISCUSSION ONLY**

COMMENTS BY THE GENERAL PUBLIC

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ADJOURNMENT

NOTICE TO PERSONS WITH DISABILITIES

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II. Minutes



JOE LOMBARDO
Governor

STATE OF NEVADA
COMMISSION ON MINERAL RESOURCES
DIVISION OF MINERALS

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ROBERT GHIGLIERI
Administrator

Las Vegas Office: 375 E. Warm Springs Rd. #205, Las Vegas, NV 89119
Phone: (702) 486-4343; Fax: (702) 486-4345

Thursday, August 1, 2024

1:00 P.M.

MINUTES

Commission	Staff	Public
Josh Nordquist	Robert Ghiglieri	Alex Tanchek
Art Henderson	Rebecca Tims	Katie Neddenviep
Bob Felder	Nicole Ting, DAG via Zoom	Steven Boyce
Randy Griffin via Zoom	Garrett Wake	Landon Truesdale
Nigel Bain	Sean Derby	Justin Luna
Mary Korpi	Lucia Patterson	Lieselk
Stephanie Hallinan		

CALL TO ORDER

1:00 PM by Josh Nordquist

Roll Call

All commissioners were present with the exception of Randy Griffin.

PLEDGE OF ALLEGIANCE

Led by Josh Nordquist

COMMENTS BY THE GENERAL PUBLIC

None

I. AGENDA

A. Approval of the Agenda

Motion to approve the agenda made by: Mary Korpi

Seconded by: Nigel Bain

Unanimously approved

II. Minutes

A. Approval of the meeting minutes from the May 16, 2024, meeting

Motion to approve the minutes made by: Nigel Bain

Seconded by: Stephanie Hallinan

Unanimously approved

III. **New Business**

A. **Review of Lithium Supply and Battery Raw Materials Conference**

Garrett Wake did a presentation on the Lithium supply and battery conference held in Las Vegas

B. **2023 Nevada Mining Statistics**

Lucia Patterson presented on a new application

Rob Ghiglieri: To add to that, yesterday at the Sagebrush eco system council, the director of agriculture, JJ also emphasized the importance of what Lucia is being able to do by maps and how the other State agencies are using her maps for data information including sage grouse, solar, and everything else so she's well known within the state for resources as well as the governor's office.

Lucia Patterson: Thank you.

Stephanie Hallinan: I like it, Lucia. If I need something to educate or just have something to give to mining companies or our employees, I know this website is what I will go to.

Rob Ghiglieri: Although this year's total dollar amount was slightly above, you notice the general train of actual production has been down. So, the commodity prices are definitely helping at the moment, but we are seeing the slow decline with not just oil but a lot of other commodities as well. But with oil, there is the potential of a land sale. This is going to be really helpful for having it all in one place.

C. **NDOM Fiscal Year 2026/2027 Budget Proposal**

Garrett Wake and Rob Ghiglieri presented the NDOM 2026/2027 Budget Proposal

Josh Nordquist: Is AB346 able to go on a category-by-category basis?

Rob Ghiglieri: Yes, as Garret was mentioning, there is a lot of figuring it out as they go. ASD is also trying to figure out the intent of the language as well. It's pretty consistent now that it seems that whatever one is more realistic so if it was your actuals or a work program authority, then you will be able to move forward. Which is good, right? It's going to put money back in to reserves instead of people buying a whole bunch of supplies at the end of the fiscal year just to keep their budget up.

Garrett Wake: Commissioner Nordquist, it has always been on a category-by-category basis. What we show on the revenue side is GL's and subcategories so that we really only have to do one work program for revenue. Whereas with expenditures, it's every single category.

Josh Nordquist: I understand there's flexibility in that and we won't know until those years come, but going forward should we present a balanced budget?

Rob Ghiglieri: That is up to the commission. So, if we were to do that, we would reduce the starting in 39 and 42 would be the first things we would reduce. The benefit of us doing it this way is if there is additional revenue we won't have to do a work program to increase our spending authority which can take anywhere from 2 to 4 months depending on when IFC is meeting, and we approach that deadline. I see a benefit of keeping it this way.

Josh Nordquist: How has it worked in the past? Has there been any pushback on a balanced budget?

Rob Ghiglieri: As long as you show that you have the reserves to show that difference, which we do at the moment. Garrett will go over our reserves on the next slide.

Nigel Bain: Do you think you have crosshairs on it?

Rob Ghiglieri: No, there is a surplus in general funds to the amount of gaming revenue. There has been a lot of conversations at the legislature to what we can do to help the agencies that have been trying to get a project done for a long time but what can you do. So, budget-wise the State of Nevada is very good at the moment. It took us awhile to come out of the pandemic, but once we did, we exploded. The new entertainment fee tax generated a significant amount of revenue.

Motion to approve the Budget: Mary Korpi

Seconded By: Bob Felder

Unanimously approved

D. Agency Language Access Plan

Garrett Wake updated the commission on the new Language Access Plan

Mary Korpi: Do we have anyone on staff that is bilingual?

Rob Ghiglieri: No

Arthur Henderson: What is the official language of the state of Nevada?

Rob Ghiglieri: English

Arthur Henderson: Then I say we keep it at that

Rob Ghiglieri: I know the BLM in Arizona and New Mexico do dual language signs for abandoned mines.

Garrett Wake: Also, on our signs there are universal symbols as well that state this is a hazard.

Robert Ghiglieri: In this bill it says in order to provide translated priority materials to the public in alternative language, if found to be needed. At the moment, we haven't found that need. I remember going through this with Mike about two years ago, and we identified two brochures that can be potentially looked at.

Arthur Henderson: And no requests so far?

Robert Ghiglieri: No requests so far

Arthur Henderson: We have a plan in place if there is a request?

Rob Ghiglieri: Yes

E. Employee Classification Study

Rob Ghiglieri provided an update on the State of Nevada Employee Classification Study

IV. Old Business

A. Update on AML Jimmy King Ad Campaign

Sean Derby provided the commission with an update on the AML Jimmy King ad campaign

Nigel Bain: How are you getting the demographics?

Sean Derby: When you go to a webpage and you accept cookies, a profile is being built. Information is being taken from the user to build the demographics.

Mary Korpi: We watch tv together at the end of the day, the Smithsonian had an episode called how do you fix that regarding mining that included Sean Derby and Rob Ghiglieri. We were questioning at first if this was going to be good or not, it was very well done.

Rob Ghiglieri: Thank you very much for that. This dates back to the Jimmy King too because it was a media group out of Canada.

Sean Derby: So administrative mines Ontario reached out to us because they wanted to share this on their website. The Smithsonian channels production team is all based in Toronto. They saw this and then reached out to us and said, "hey we want to do a show on how do you fix this problem" and so we started a discussion with them back in January. We got NDOW together and we worked for awhile to get all the pieces together. We got approvals from MTS, but it took a lot of partners to bring in the cultural aspect of the legal work that we have done. That this is a biological issue, that this is a safety issue, an environmental issue so we got the Smithsonian to come in and recognize all those pieces and to include all of that in this episode. We went through two rounds of edits, and it was a long process, but I think in the end it turned out to be a really cool project.

B. NDOM Open Data Site Review

Lucia Patterson presented the NDOM open data site to the commission

C. Update on NDOM 2025 Legislative Session BDRs

Rob Ghiglieri updated the commission on the 2025 Legislative Session BDR's

D. NDOM Contract Updates

Garrett Wake presented an update on current NDOM contracts

E. Administrator Report

Rob Ghiglieri provided the commission with Administrator updates

V. Commission Business

- A. Correspondence to the Commission
- B. Review of Staff Monthly Activity Reports
- C. Future Agenda Items

COMMENTS BY THE GENERAL PUBLIC

None

ADJOURNMENT

3:58 pm

NOTICE TO PERSONS WITH DISABILITIES

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III. NEW BUSINESS

A.

“Nevada’s Lithium Batteries and Other EV Materials Loop” Regional Technology and Innovation Hub (“Nevada Tech Hub”)

**Commission on Mineral Resources
November 7, 2024**

Dr. Frederick Steinmann

Director, University Center for Economic Development
Principal Investigator, Nevada Regional Technology and
Innovation Hub

Mr. Richard Bartholet

Co-Principal Investigator and
Regional Innovation Officer
Nevada Regional Technology and Innovation Hub



University of Nevada, Reno

Nevada Tech Hub

- Designated October 23, 2023, as part of the US Economic Development's Regional Technology and Innovation Hub Program (Phase 1 Designation). Nevada was one of 31 Designated Tech Hubs out of 400+/- applicants.
- Over 75 consortium partners: Institutional Partners, Industry, Economic Development Organizations, Workforce Development, State and Local Government, Tribal Governments, Venture Development Organizations
- Key Technology Focus Area: Advanced Energy and Industrial Efficiency Technologies (Critical Elements Tech Hub).
- Nevada was one of 12 Tech Hubs to received Phase 2 Implementation funding (3% of initial Tech Hub applicants received Phase 2 funding).



Climate Change Mitigation – the Role of Electrification

“Climate change is happening. Global average temperate has increased about 1.8°F from 1901 to 2016. Changes of one or two degrees in the average temperature of the planet can cause potentially dangerous shifts in climate and weather...many places have experienced changes in rainfall, resulting in more floods, droughts, or intense rain, as well as more frequent and severe heat waves.

The planet's oceans and glaciers have also experienced changes – oceans are warming and becoming more acidic, ice caps are melting, and sea level is rising. As these and other changes become more pronounced in the coming decades, they will likely present challenges to our society and our environment.”

Costs of Climate Change – Billion-Dollar Climate Events in the U.S. in 2023

Drought: 1 event, \$14.5 billion cost, 247 deaths

Flooding: 4 events, \$9.2 billion cost, 37 deaths

Severe Storm: 19 events, \$54.2 billion cost, 100 deaths

Tropical Cyclone: 2 events, \$7.8 billion cost, 7 deaths

Wildfire: 1 event, \$5.6 billion cost, 100 deaths

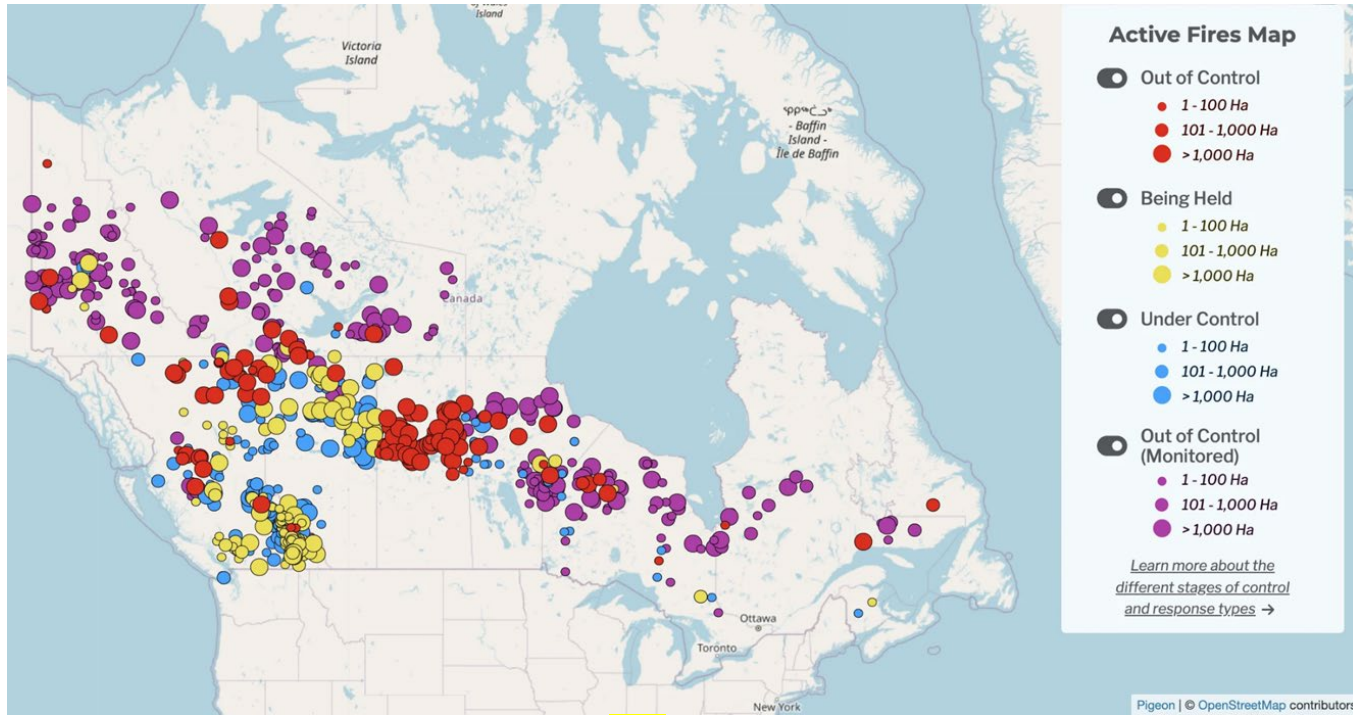
Winter Storm: 1 event, \$1.8 billion cost, 1 death

***TOTAL ALL U.S. DISASTERS 2023:
28 events, \$93.1 billion cost, 492 deaths***

Source: U.S. Environmental Protection Agency; National Centers for Environmental Information



Nevada Tech Hub



Yahoo News Canada, Updated Thursday, August 29, 2024



University of Nevada, Reno

Economic Diversification and Growth – The 21st Century will be Electrified

Summary Economic Impacts Results (in 2020 U.S. Dollars) for Moderate and High EV Adoption for the United States Domestically

Moderate EV Adoption Economic Impact Scenario by 2040

Employment: **570,000 total jobs**

Compensation in Wages/Income Paid/Earned:
\$40.0 billion

Contribution to U.S. Gross Domestic Product:
\$110.0 billion

Total Economic Output: **\$150.0 billion**

High EV Adoption Economic Impact Scenario by 2040

Employment: **740,000 total jobs**

Compensation in Wages/Income Paid/Earned:
\$50.0 billion

Contribution to U.S. Domestic Product:
\$150.0 billion

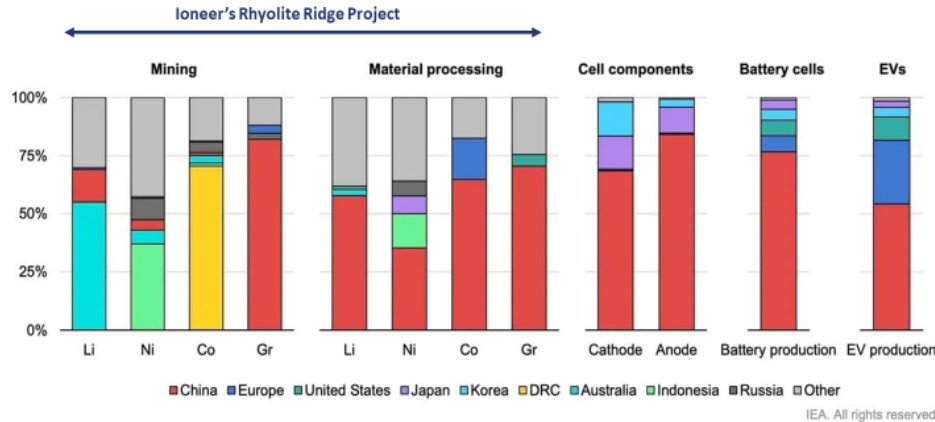
Total Economic Output: **\$200.0 billion**



China's Growing Competitive Dominance in the Lithium Battery, Critical Elements, and Other Electric Vehicle (EV) Materials Sector

China dominates the downstream EV supply chain

Geographical distribution of the global EV
battery supply chain



“China is not only primed to make hundreds of billions of dollars in revenue, but it is **also positioned to restrict access to lithium-ion batteries to certain countries or companies as it wishes. This puts the national security of the United States and its allies at risk.** In the event of a war or sudden need to supply an ally or strategic partner with military aid, **the United States could face severe shortages of key defense products**, such as drones, F-35 fighter jets, surface-to-air missiles, and even radios.”

- New Atlanticist, January 23, 2024

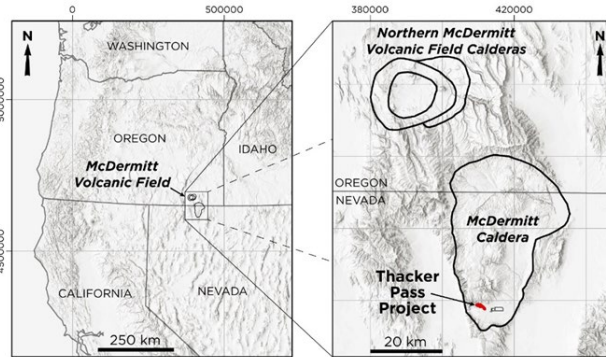


Nevada Tech Hub

Silver Peak: Currently the only operating source of lithium in the U.S. Started lithium production in 1967.



1967 – Present



Thacker Pass: Lithium exploration started in 2007. Largest lithium deposit found anywhere. BLM Record of Decision in 2021. General Motors committed to invested **\$650 million** with Lithium Americas.

2007 – Present



Tahoe Reno Industrial Center (TRIC): Tesla reaches agreement to build Nevada Gigafactory in 2014, with Nevada incentives of 20 years free from sales tax and 10 years free from property tax. Tesla has invested **\$6.2 billion** with **\$3.6 billion** additional for semi-truck factory.



2014 – Present



University of Nevada, Reno

Nevada Tech Hub

Dragonfly Energy was founded in 2014 as a Nevada startup. The firm is a comprehensive lithium battery & technology company that **domestically designs and assembles** deep cycle LiFePO4 battery packs and systems. ~~85~~ **90+** **granted, filed and pending patents.**



Rhyolite Ridge: The Rhyolite Ridge lithium deposit was discovered in 2016. Loneer secured ownership in 2017. A feasibility study completed in 2018 showed structurally low-cost and very long mine life of two transition materials (lithium and boron). In 2022, BLM published a Notice of Intent. In 2023, DOE made a conditional commitment of **\$700 million** to support the development of Rhyolite Ridge mining and processing. **10/24/24: Federal permit received from BLM (positive Record of Decision)**

Catching and Leapfrogging China

“Dragonfly Energy’s Battery Manufacturing Validated for Cost Effectiveness and Sustainability”
- **Study by Sphere Energy, April 10, 2024**

2014 – Present



2016 – Present



Nevada Tech Hub

Panasonic Energy North America (PENA) began battery production at the TRIC in 2017, in conjunction with the Tesla operations in the Tahoe Reno Industrial Center. Panasonic initiated training programs in conjunction with Truckee Meadows Community College.



2017 – Present



Redwood Materials, headquartered in Nevada. “To make batteries sustainable and affordable we need to close the loop at the end of life. We’re localizing a global battery supply chain and producing anode & cathode components in the U.S. for the first time – from as many recycled batteries as possible.” **Now: Building cathode materials facility.**

2017 – Present



Lilac Solutions establishes its bead-manufacturing facility in Fernley, Nevada. Lilac offers a reliable and proven technology, with a full-service approach to **lithium extraction from brines**, including subsurface and end-to-end flowsheet support. They design, build, and operate commercial lithium extraction systems globally. **Now: Launching pilot lithium extraction operation in Utah.**



2022 – Present



University of Nevada, Reno

Nevada Tech Hub

American Battery Technology Company

\$557 million grant from DOE to design, construct, commission and operate a first-of-its-kind facility in Tonopah, NV to manufacture battery cathode-grade lithium hydroxide from lithium-bearing sedimentary resources.



2022 – Present



Lithium Americas 1) announces the final tranche of financing has been provided by General Motors and that the **Thacker Pass** mining project is underway, and 2) 10/28/24: successfully closed the \$2.26 billion DOE Loan under the Advanced Technology Vehicles Manufacturing (ATVM) loan program.



Now



Now

Lyten 10/16/24 Lyten announces **\$1.5 billion** gigafactory will be built in Reno, Nevada to produce lithium-sulfur batteries.



University of Nevada, Reno

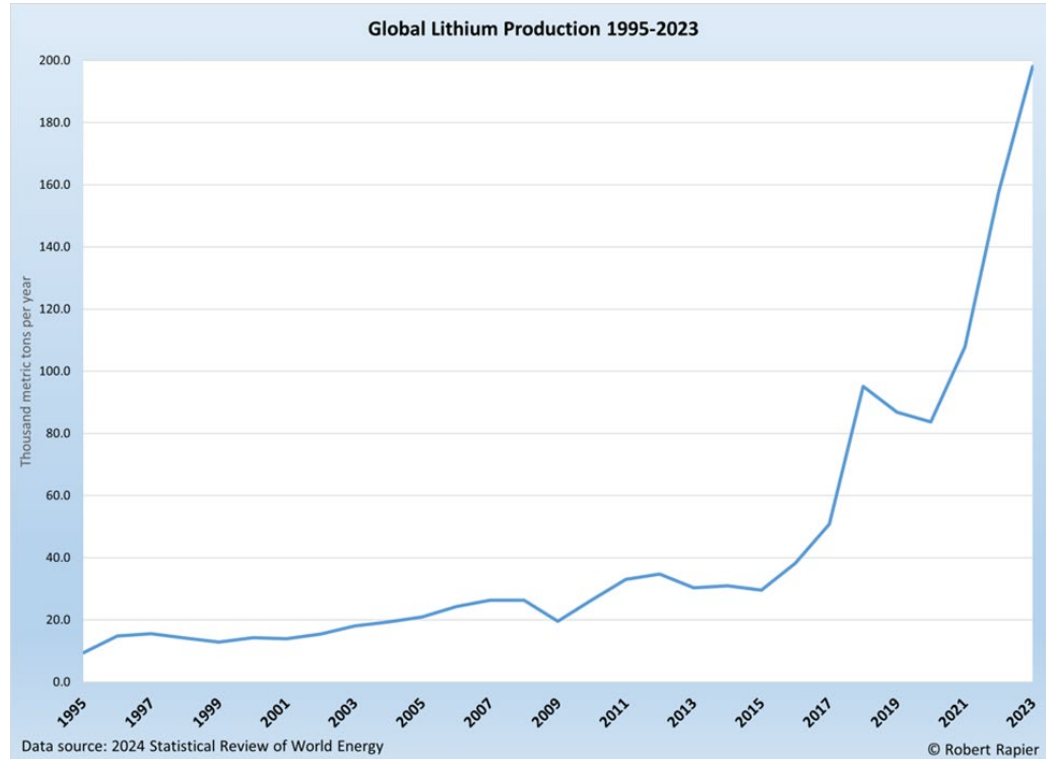
Challenges & Opportunities

Nevada's Commitment to the Lithium Batteries, Critical Elements, and Other EV Materials Industry Sector

******Collaboration between the Nevada Tech Hub and the NSF Engines projects



Nevada Tech Hub



Nevada Tech Hub

Top 8	Thousand tons	Global Share	10-Yr Annual Growth Rate	Reserves	Reserves Share
Australia	86.0	43.4%	23.9%	6200	23.8%
Chile	56.5	28.5%	18.3%	9300	35.7%
China	33.0	16.7%	21.5%	3000	11.5%
Argentina	9.6	4.8%	14.4%	3600	13.8%
Brazil	4.9	2.5%	28.5%	390	1.5%
Zimbabwe	3.4	1.7%	13.0%	310	1.2%
U.S.	0.6	0.3%	-3.4%	1100	4.2%
Portugal	0.4	0.2%	2.4%	60	0.2%

"Lithium Wars: Australia, Chile, And China Are Leaving The U.S. Behind," Robert Rapier, August 25, 2024



Nevada Tech Hub

Down to earth

China, battery-grade lithium carbonate spot price
'000 yuan per tonne



Source: Refinitiv Datastream

The Economist



University of Nevada, Reno

Nevada Tech Hub

What can we (Nevada Tech Hub) do?

1. Stand up the two component projects were selected for funding
 1. Workforce Development (including Supply Chain Study)
 2. Nevada Native Nations Center
2. Find ways to advance the component projects not funded:
 3. Lithium Campus
 4. Commercialization & Entrepreneurship
 5. Supply Chain Enhancement
 6. Infrastructure, Community Capacity and Housing



Nevada Tech Hub

Other funding related to the Nevada Tech Hub (support letters leading to synergistic projects)

- 1) Apprenticeship Building America, Round 2; Applicant – Nevadaworks; Grantor - US Dept of Labor; Amount - \$4 million
- 2) Building Pathways to Infrastructure Jobs Grant Program; Applicant - OWINN (DETR wants to pass this to Nevadaworks); Grantor - US Dept of Labor; Amount - \$1,998,841.00
- 3) Good Jobs Challenge – submitted 9/27; Applicant – Nevadaworks; Grantor – EDA; Amount - \$1.25 million+/-
- 4) Training & Technical Assistance to Support native American Entrepreneurs in Nevada; Applicant; Nevada Small Business Development Center; Grantor – U.S. SBA; Amount - \$95,000



Questions?

Richard “Dick” Bartholet
Regional Innovation Officer
University of Nevada, Reno
richardb@unr.edu



B.



NEVADA
BATTERY
COALITION

Presentation on the Current Lithium Landscape in Nevada

Commission on Mineral Resource
Nevada Division of Minerals

November 7, 2024

Nevada Battery Coalition

Overview

Nevada is emerging as a leading battery center in North America. Every stage of the energy storage supply chain, from exploration to recycling, is present and developing in Nevada, and it is poised to grow. The current investment in this industry has produced profoundly positive environmental, economic, and national security advantages, all of which are strengthened by uniting the industry through the Nevada Battery Coalition.

Nevada Battery Coalition

- Incorporated on March 27, 2023
 - Board Elected in December 2024:
 - Chair: Nicole Cook, Panasonic Energy of North America
 - Vice Chair: Tim Crowley, Lithium Americas
 - Secretary: Alexia Sober, Comstock Metals
 - Treasurer: Dominic Sinnott, Dragonfly Energy
 - Purpose: Public Awareness, Industry Promotion, and Workforce & Economic Development
-

Nevada Battery Coalition

- Members:
 - 22 total
 - Each supply chain phase represented: Upstream, Midstream, and Downstream
 - Different levels of development represented: startups, mid-sized, and major producers

NEVADA

BATTERY

COALITION



A National Opportunity

- National Security
- Energy Independence
- Decarbonization
- Economic Diversification
- Economic Opportunity

NEVADA
BATTERY
COALITION



An Opportunity for Nevada

- Only operational lithium mine in the U.S.
 - Only state in the U.S. with companies in all seven stages of the lithium supply chain
 - Largest federal loan for a single natural resources project
 - UNR Federal Tech Hub Designation (Phase 1)
 - Nevada is home to a large percentage of the national workforce
 - Forecasts predict a fivefold increase in the global lithium-ion battery market through 2030
 - Major Economic Development Focus for the State of Nevada
-

National and State Interests Align

- Critical Onshoring/Friendshoring Efforts
 - Generational Investment
 - Bipartisan Support
 - Biden Administration
 - Federal Delegation
 - Incredible Private Sector Innovation
 - Nevada Governor's Leadership
 - State Lawmaker Support
-

Impact

- Nevada's battery supply chain promises incredible outcomes
 - National Security
 - Addressing Climate Change
 - Economic Stability & Growth.
 - Nevada is uniquely positioned in this space
 - Our opportunity:
 - Diversify our economy
 - Better jobs for Nevada families
 - Lead in a critical area of the energy transition
-

C.

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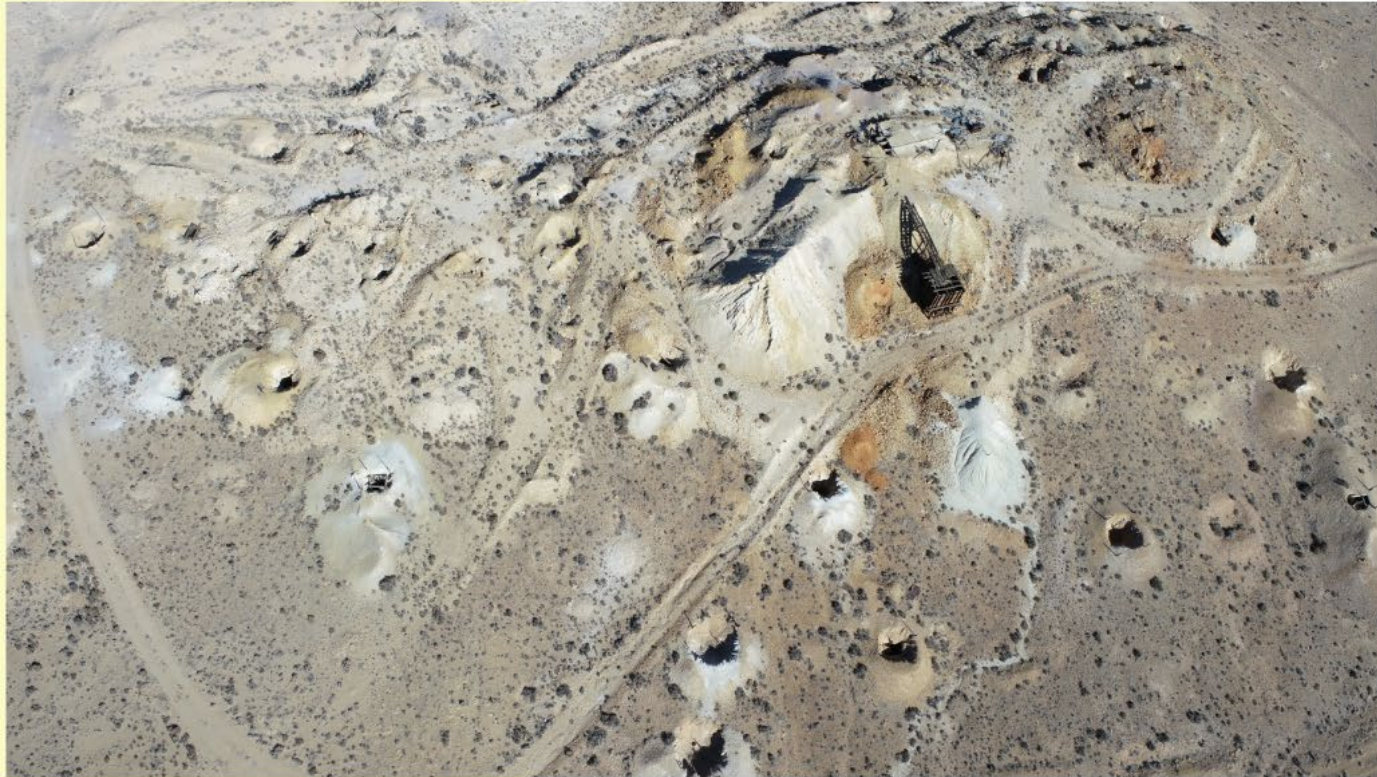
D.

Summer 2024 Intern Update

Advancements in the
Abandoned Mine Lands Program

Summer 2024 Focus

The summer of 2024 marked a pivotal shift in the internship program, emphasizing a comprehensive inventory of abandoned mine hazards across Nevada.



Objectives of the 24' AML Program

- Heavily focus on inventory
- Effective communication
- WFR style safety audits
- Embolden Leaders
- Stay Safe and Have Fun



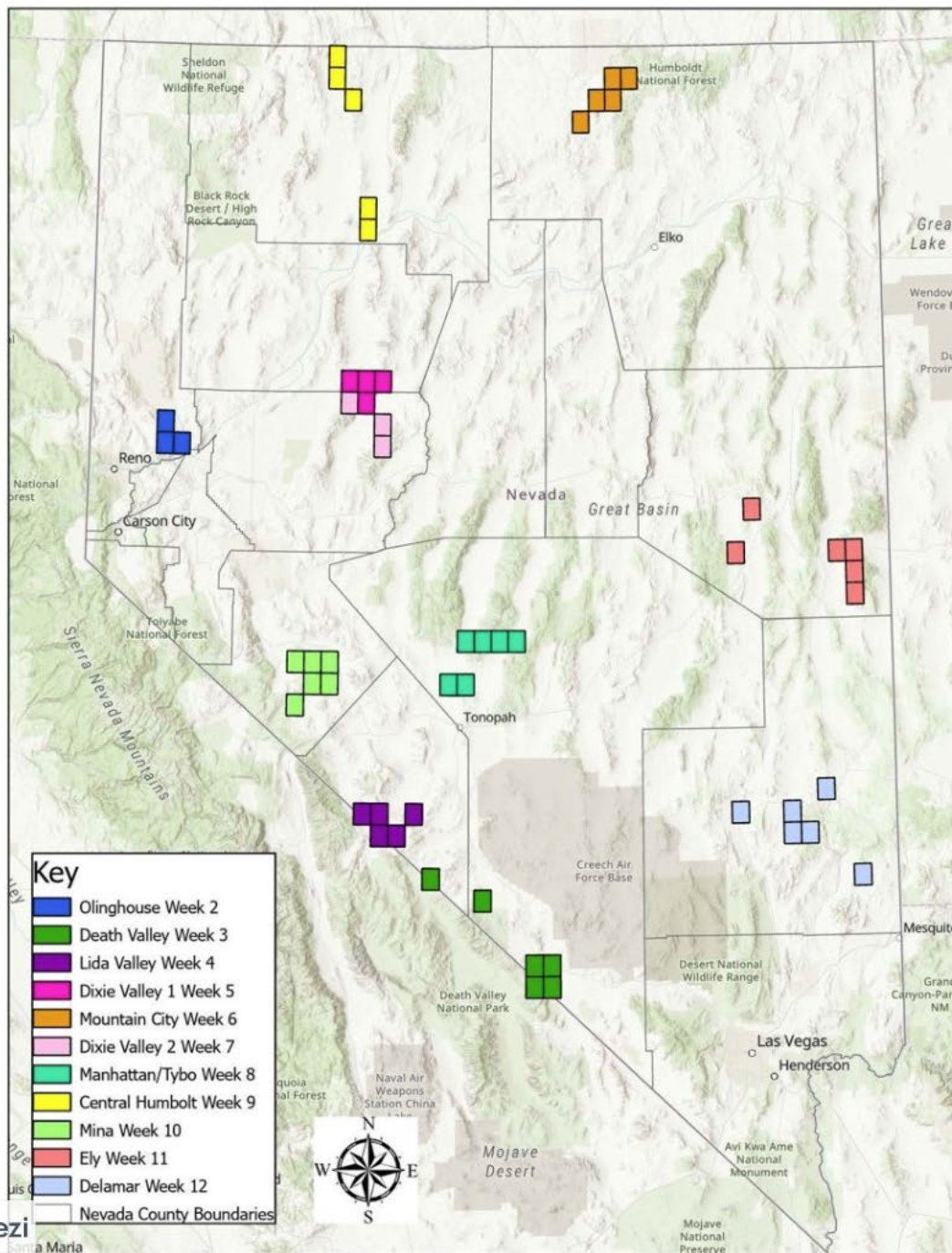
The Interns

- 6 total interns
- 4 interns from UNR
 - 1 from TMCC
 - 1 from UNLV

Educational Backgrounds of Interns

- 4 Geology Majors
- 1 Emergency Management/
Fire Major
- 1 Mining Engineer Major





Field Areas 2024

Far reaching targets. As south as Beatty Nevada up to Mountain City and Northern Humboldt. Great Basin NP and Washoe County

Safety Audit

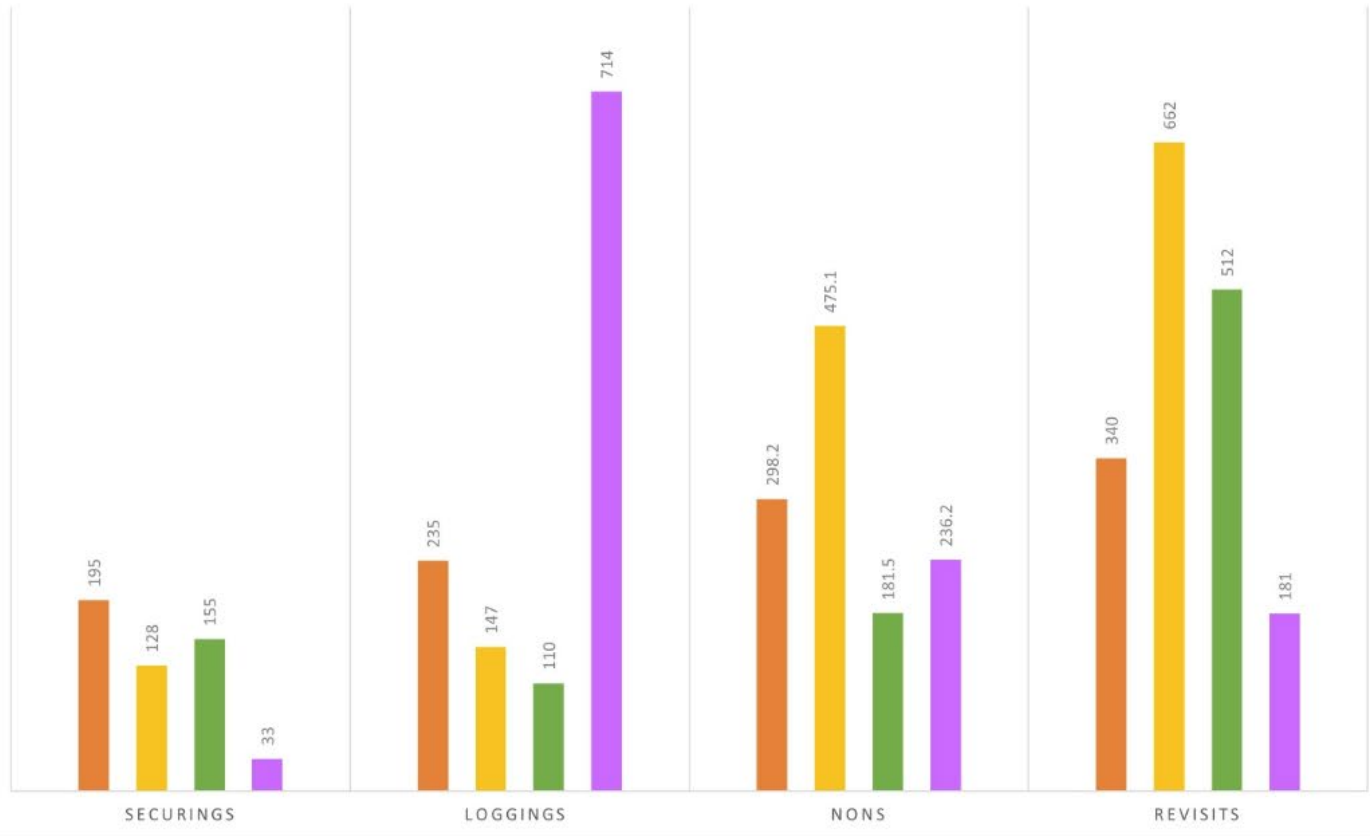


Shift in Focus

In summer 2024, interns transitioned from primarily securing fences around hazardous sites to conducting detailed inventories of abandoned mine features. This significant shift allowed for a more proactive approach to identifying and addressing potential hazards in the landscape.



INTERN PERFORMANCE 2021 - 2024



Summer 24 by the Numbers

714 Hazards Logged
236 Non Hazards Logged
181 Revisits
33 Securings

Opportunities for Future Interns

As of now 5 Interns are returning for the Winter Internship. This is the highest number of returnees for the Wintern Program





Feedback From Interns

- Revised 10 Day Schedule
- Mid Season Training
- Discuss Subjectivity in AML Ranking
- More Garmins
- Field Map Trouble Shooting
- Returning Intern Leader was Successful

IV. OLD BUSINESS

A.

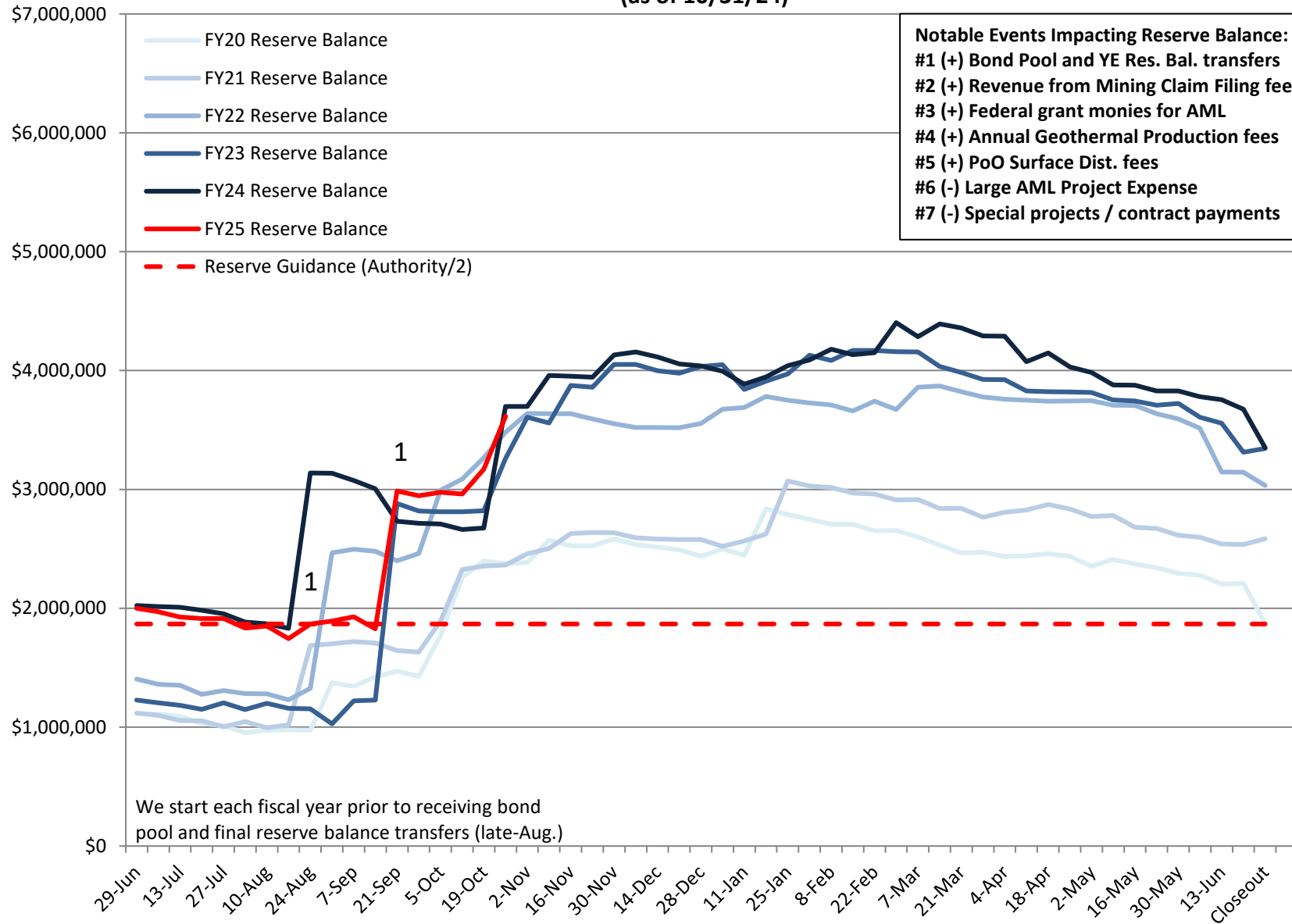
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B.

NDOM Reserve Balance by Week for FY19 - FY24

(as of 10/31/24)

Notable Events Impacting Reserve Balance:
 #1 (+) Bond Pool and YE Res. Bal. transfers
 #2 (+) Revenue from Mining Claim Filing fees
 #3 (+) Federal grant monies for AML
 #4 (+) Annual Geothermal Production fees
 #5 (+) PoO Surface Dist. fees
 #6 (-) Large AML Project Expense
 #7 (-) Special projects / contract payments



NDOM Reserve Balance by Week for FY19 - FY24

(as of 10/31/24)

- Notable Events Impacting Reserve Balance:**
- #1 (+) Bond Pool and YE Res. Bal. transfers
 - #2 (+) Revenue from Mining Claim Filing fees
 - #3 (+) Federal grant monies for AML
 - #4 (+) Annual Geothermal Production fees
 - #5 (+) PoO Surface Dist. fees
 - #6 (-) Large AML Project Expense
 - #7 (-) Special projects / contract payments

- FY22 Reserve Balance
- FY23 Reserve Balance
- FY24 Reserve Balance
- FY25 Reserve Balance
- Reserve Guidance (Authority/2)

We start each fiscal year prior to receiving bond pool and final reserve balance transfers (late-Aug.)

29-Jun 13-Jul 27-Jul 10-Aug 24-Aug 7-Sep 21-Sep 5-Oct 19-Oct 2-Nov 16-Nov 30-Nov 14-Dec 28-Dec 11-Jan 25-Jan 8-Feb 22-Feb 7-Mar 21-Mar 4-Apr 18-Apr 2-May 16-May 30-May 13-Jun Closeout

FY25 Mining Claim Fees by County (thru 10/31/2024)

Counties	Monthly or Quarterly	July	August	September	October	November	December	January	February	March	April	May	June	Total
Carson	Quarterly			\$ 470										\$ 470
Churchill	Quarterly			\$ 28,940										\$ 28,940
Clark	Monthly	\$ 3,190	\$ 8,420	\$ 4,720										\$ 16,330
Douglas	Quarterly			\$ 5,220										\$ 5,220
Elko	Monthly	\$ 40,020	\$ 32,650	\$ 55,110										\$ 127,780
Esmeralda	Quarterly			\$ 90,790										\$ 90,790
Eureka	Monthly	\$ 25,130	\$ 10,570	\$ 140,010										\$ 175,710
Humboldt	Quarterly			\$ 196,880										\$ 196,880
Lander	Quarterly			\$ 222,730										\$ 222,730
Lincoln	Quarterly			\$ 13,910										\$ 13,910
Lyon	Quarterly			\$ 49,630										\$ 49,630
Mineral	Monthly	\$ 31,850	\$ 27,060	\$ 35,970										\$ 94,880
Nye	Quarterly			\$ 196,440										\$ 196,440
Pershing	Quarterly			\$ 71,490										\$ 71,490
Storey	Quarterly			\$ 1,360										\$ 1,360
Washoe	Monthly	\$ 4,320	\$ 470	\$ 17,990										\$ 22,780
White Pine	Quarterly			\$ 95,110										\$ 95,110

FY 25	\$	104,510	\$	79,170	\$	1,226,770																				
FY 24	\$	54,900	\$	133,015	\$	1,473,860	\$	245,810	\$	28,010	\$	685,460	\$	13,210	\$	3,010	\$	74,270	\$	4,060	\$	2,340	\$	50,780	\$	2,768,725
FY 23	\$	97,420	\$	319,200	\$	1,175,110	\$	209,470	\$	22,020	\$	552,040	\$	8,450	\$	7,320	\$	147,100	\$	3,310	\$	6,090	\$	195,360	\$	2,742,890
Difference:	\$	(42,520)	\$	(186,185)	\$	298,750	\$	36,340	\$	5,990	\$	133,420	\$	4,760	\$	(4,310)	\$	(72,830)	\$	750	\$	(3,750)	\$	(144,580)		
FY 25 CUMULATIVE	\$	104,510	\$	183,680	\$	1,410,450	\$	1,410,450	\$	1,410,450	\$	1,410,450	\$	1,410,450	\$	1,410,450	\$	1,410,450	\$	1,410,450	\$	1,410,450	\$	1,410,450	\$	4,179,175

Thru Sept FY23	\$ 1,591,730	
Thru Sept FY24	\$ 1,661,775	
Thru Sept FY25	\$ 1,410,450	
Difference 23 to 25	\$ (181,280)	-11%
Difference 24 to 25	\$ (251,325)	-15%

On/Before Nov 1 FY23	\$ 1,801,200	
On/Before Nov 1 FY24	\$ 1,907,585	
	\$ 106,385	6%

2024 Projected revenue	\$ 2,328,058
2024 Projected filings	232,806

PROJECTED AMOUNT NOT ACTUAL

Division of Minerals FY25 Funding of Nevada Bureau of Mines and Geology Projects

Project	FY 25 Cost	Contract #	Notes
Sample Curation	\$24,864	28069	Contract End Date of 06/30/2025
MI Report	\$43,512	28069	Contract End Date of 06/30/2025
Exploration Survey	\$43,512	28069	Contract End Date of 06/30/2025
Soda Lake Report (FY 25 work)	\$24,608	27811	Total Cost, \$43,200, paid \$7,033 FY 24. Contract End Date of 12/31/2024
NBMG Mining Dist. Scanning	\$20,000	TBD	\$40,000 contract over FY 25/26. Waiting for Scope of Work from NBMG
Subtotal:	\$156,496		\$7,848.30 paid thus far in FY 25

Division of Minerals FY24 Funding of Nevada Bureau of Mines and Geology Projects

Project	FY 24 Cost	Contract #	Notes
Matching Grant Funds for USGS Program	\$27,291	28259	Paid FY 24, NTE amount was \$27,352.36
Railroad Valley	\$37,800	25223	Paid FY 24, pending report.
Lithium Report	\$37,800	24347	Paid FY 24, pending report.
Sample Curation	\$24,192	28069	Contract End Date of 06/30/2025. Paid in full.
MI Report	\$42,336	28069	Contract End Date of 06/30/2025. Paid in full.
Mining District Digitization	\$21,229	26820	Contract End Date of 12/31/2023. Paid in full.
Soda Lake Report (FY 24 work)	\$10,559	27811	Amount paid in FY25.
Subtotal:	\$201,207		Paid in full.

Total (FY24 & 25): **\$357,703**

CAT	Desc	L01	WorkPrg	Actual	BudgetBalance	Projection	ActPlusProj	Proj vs Budgeted	
00	3578 BLM ASSISTANT AGREEMENT	\$ 200,000	\$ 650,000	\$ 69,508	\$ 580,492	\$ 130,492	\$ 650,000	\$ 450,000	\$1M in authorization received, allocating \$450,000 + \$200,000 remaining in previous grant.
00	3580 USFS ASSISTANCE AGREEMENT	\$ 114,120	\$ 114,120	\$ 161,422	\$ (47,302)	\$ 161,422	\$ 233,422	\$ 119,302	\$161,422.14 received, \$72,000 remaining this FY = \$233,422.14. Possibly \$150k more coming.
00	3584 FEDERAL GRANT-D	\$ 77,787	\$ 77,787	\$ 15,000	\$ 62,787	\$ 77,787	\$ 15,000	\$ (62,787)	Only receiving \$15k.
00	3654 OIL AND GAS PERMITS AND FEES	\$ 22,668	\$ 22,668	\$ 4,837	\$ 17,831	\$ 24,183	\$ 29,019	\$ 6,351	
00	3717 APPLICATION FEES	\$ 4,400	\$ 4,400	\$ -	\$ 4,400	\$ 4,400	\$ 4,400	\$ -	
00	3718 MINING CLAIM FEES	\$ 1,529,359	\$ 1,601,359	\$ 155,730	\$ 1,445,629	\$ 1,445,629	\$ 1,445,274	\$ (84,085)	Projecting a 13% decrease in claim fees from 2024 actuals.
00	3727 DANGEROUS MINE FEE	\$ 1,019,573	\$ 1,019,573	\$ 103,820	\$ 915,753	\$ 915,753	\$ 963,516	\$ (56,057)	Projecting a 13% decrease in claim fees from 2024 actuals.
00	3736 GEOTHERMAL FEES	\$ 156,550	\$ 156,550	\$ 20,050	\$ 136,500	\$ 136,500	\$ 156,550	\$ -	
00	3740 DISSOLVED MINERAL RES EXPL	\$ 8,000	\$ 8,000	\$ 13,000	\$ (5,000)	\$ -	\$ 20,000	\$ 12,000	
00	3770 AML SECURING FEE	\$ 92,080	\$ 92,080	\$ 420	\$ 91,660	\$ 91,660	\$ 92,080	\$ -	
00	4011 PRINTING SALES	\$ 27	\$ 27	\$ -	\$ 27	\$ 27	\$ 27	\$ -	
00	4027 PUBLICATION SALES	\$ 2,937	\$ 2,937	\$ 780	\$ 2,157	\$ 2,157	\$ 2,937	\$ -	
00	4311 MEDALLION ROYALTY INCOME	\$ 253	\$ 253	\$ -	\$ 253	\$ 253	\$ 253	\$ -	
00	4326 TREASURER'S INTEREST DISTRIB	\$ 24,971	\$ 24,971	\$ -	\$ 24,971	\$ 24,971	\$ 142,800	\$ 117,829	Projecting a 10% reduction from FY24. This number may vary based on interest rates.
00	4620 TRANS FR RECL BOND POOL BA42	\$ 58,057	\$ 58,057	\$ -	\$ 58,057	\$ 58,057	\$ 58,057	\$ -	
Total Rev		\$ 3,310,782	\$ 3,832,782	\$ 544,566	\$ 3,288,216	\$ 3,073,291	\$ 3,813,336	\$ 502,554	

01	PERS SERVICE	\$ 1,451,886	\$ 1,451,886	\$ 435,916	\$ 1,015,970	\$ 1,242,599	\$ 1,678,515	\$ (226,629)	This is higher because it includes COLAs, filling the GIS III position (Lucia) for more than half a year and backfilling the FS position (Rick) for half a year (+1 FTE). Also, we're projecting 8 interns plus keeping Rocco on for much of the year.
02	OUT ST TRAV	\$ 19,974	\$ 70,975	\$ 12,320	\$ 58,655	\$ 11,928	\$ 70,975	\$ (51,001)	WP amount
03	IN ST TRAV	\$ 12,978	\$ 12,978	\$ 6,862	\$ 6,116	\$ 5,126	\$ 24,754	\$ (11,776)	WP amount
04	OPERATING	\$ 162,220	\$ 162,220	\$ 60,296	\$ 101,924	\$ 131,030	\$ 191,327	\$ (29,107)	Increased cost includes printing lithium reports and replacing Yukon
05	EQUIPMENT	\$ 5,268	\$ 5,268	\$ -	\$ 5,268	\$ -	\$ 5,268	\$ -	Full WP amount
08	BOARD TRAVEL	\$ 9,907	\$ 9,907	\$ 123	\$ 9,784	\$ -	\$ 1,000	\$ 8,907	We've averaged \$840 spent in Board Travel over past 3 FYs and have left \$7,200 on average unspent.
09	SPECIAL PRJ	\$ 143,303	\$ 215,303	\$ 45,190	\$ 170,113	\$ 269,417	\$ 457,499	\$ (314,196)	Work programs for AML publication updates (\$42,000), reclamation video (\$20,000), NBMG industry reports (~\$64,000), fluid minerals historic records digitization and database construction (\$96,000), and NBMG historic document scanning (\$20,000)
14	LV OFFICE	\$ 43,041	\$ 43,041	\$ 12,737	\$ 30,304	\$ 25,164	\$ 43,041	\$ -	Full WP amount
17	FLUID MINRLS	\$ 19,145	\$ 19,145	\$ 1,626	\$ 17,519	\$ 1,515	\$ 19,145	\$ -	Full WP amount
18	AML SUPPORT	\$ 146,298	\$ 146,298	\$ 60,090	\$ 86,208	\$ 213,368	\$ 303,713	\$ (157,415)	Work programs for two new agency vehicles (~\$149,000) and fully fund YESCO AML billboards contract through FY25 (\$8,400)
26	INFO SERV	\$ 24,550	\$ 24,550	\$ 8,098	\$ 16,452	\$ 15,012	\$ 49,225	\$ (24,675)	Bond Pool database project phase II
30	TRAINING	\$ 7,375	\$ 7,375	\$ 3,470	\$ 3,905	\$ (127)	\$ 7,375	\$ -	
39	AML ENHANCMT	\$ 1,141,331	\$ 1,141,331	\$ 22,558	\$ 1,118,773	\$ 2,314,990	\$ 1,636,331	\$ (495,000)	Increased due to direct increase in federal funding. No additional from Reserve. Full WP authority contingent upon CXs and contractor availability.
82	EITS CST ALO	\$ 83,337	\$ 83,337	\$ 20,834	\$ 62,503	\$ 62,503	\$ 83,337	\$ -	
87	PURCHASE	\$ 2,493	\$ 2,493	\$ 623	\$ 1,870	\$ 1,870	\$ 2,493	\$ -	
88	ST CST RECV	\$ 51,882	\$ 51,882	\$ 12,971	\$ 38,912	\$ 38,912	\$ 51,882	\$ -	
89	AG CST ALLOC	\$ 3,588	\$ 3,588	\$ -	\$ 3,588	\$ 3,588	\$ 3,588	\$ -	
Total Exp		\$ 3,328,576	\$ 3,451,577	\$ 703,715	\$ 2,747,862	\$ 4,336,894	\$ 4,629,468	\$ (1,300,892)	

	Operating Income	\$ (17,794)	\$ 381,205	\$ (159,149)	\$ 540,354	\$ (1,263,603)	\$ (816,132)	\$ (798,338)	
	Beg Net Assets (Reserve)	\$ 2,001,677	\$ 3,147,015	\$ 3,147,015	\$ -	\$ -	\$ 3,147,015	\$ -	
	End Net Assets (Reserve)	\$ 1,983,883	\$ 3,528,220	\$ 2,987,866	\$ 540,354	\$ (1,263,603)	\$ 2,330,883	\$ (798,338)	
	Days Exp in Ending Rsv	0	325	0	0	0	128	0	

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EXCELLENCE

..... in

Mine Reclamation



Reclamation Award Video Recap & Proposal

November 7th, 2024

Commission on Mineral Resources Meeting

Garrett Wake,
Deputy Administrator
gwake@minerals.nv.gov



FY 24 Proposal

- Capture B-roll and interviews during reclamation award tours
- Produce a final video, possibly short cuts for social media
- \$20,000 approved by CMR on statewide video services contract

Project Details

- Sent project proposal to three State contractors
- Selected “Three Sticks Productions”, a Nevada company
- Produced one 3.5-minute video, NDOM retains use of all raw B-roll and interviews
- Total cost of \$11,300
- \$8,700 available, contingent on WP approval, for additional cuts



Outreach Methods

- Showed at the Nevada Mining Association Annual Convention
- Upload to NDOM Youtube and host on NDOM website
- Show at teacher workshops and have available at conferences
- Promote continued mining company participation in award program

..........
EXCELLENCE
..... in
Mine Reclamation





FY 25+ Proposal

- Annual allocation of \$20,000 to produce a reclamation video and capture b-roll and interviews for future use
- Annual cost likely will not reach \$20,000, but affords funding for additional assets
- Can scale back as necessary (funding)

Questions

Garrett Wake

Deputy Administrator

gwake@minerals.nv.gov



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V. COMMISSION BUSINESS

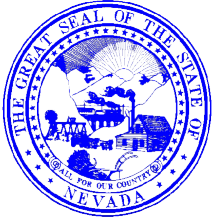
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JOE LOMBARDO
Governor

Las Vegas Office: 375 E. Warm Springs Rd. #205, Las Vegas, NV 89119
Phone: (702) 486-4343; Fax: (702) 486-4345

Robert Ghiglieri
Administrator

EXECUTIVE SUMMARY AND MONTHLY ACTIVITY REPORTS July 2024

Legislation, Industry, and Public Relations: The Administrator and AML program manager attended and presented at an annual Good Samaritan Abandoned Mine Lands Summit in California. Discussions and presentations were held between state, federal, local, tribes, and industry on lessons learned and goals for new Good Sam Legislation. Minerals organized and executed the 2024 Excellence in Mining Reclamation Awards tour to two nominated sites. The committee that attended the tour consisted of NDOM, NDEP, BLM, USFS, and NDOW. As a member of the Advisory Board for the University of Nevada Center for Economic Development, the administrator attended the 2024 annual board meeting. The Agency participated in various meetings and committees to include the BLM, USFS, New South Wales, Hudbay Minerals, the Governor's Office, NvMA, Trout Unlimited, a member of the Alberta Canada mine regulation agency, Resourcing Tomorrow, U.S. Fish and Wildlife Services, Department of Taxation, and NACO.

Abandoned Mine Lands (AML): The 2024 summer intern program started in May with six total interns. Since the beginning of the internship, a total of 230 AML hazards have been inventoried throughout multiple counties. Coordination and NEPA compliance work is ongoing for future AML closure projects statewide, and two projects received their Categorical Exclusions to proceed with closures in August.

End-of-July AML statistics:

	SITES INVENTORIED	SITES SECURED	% Secured
Since 1987	25,664	21,055	82%
2024 To Date	675	300	44%

Fluid Minerals: Two geothermal wells were actively being drilled in July, and 36 wells were inspected by Division staff. A total of 15 individual applications or sundries were received and/or approved by the Fluids Program.

The Fiscal year-to-date inspection status:

FY 2025 Well Inspections					
	Total # of Wells	# Wells Needed for FY25 (1/3 of total)	Wells Inspected this month	# of Wells Inspected in FY25	Wells Remaining
Geothermal	491	164	36	36	128
Oil	122	41	0	0	41
Totals	613	205	36	36	169

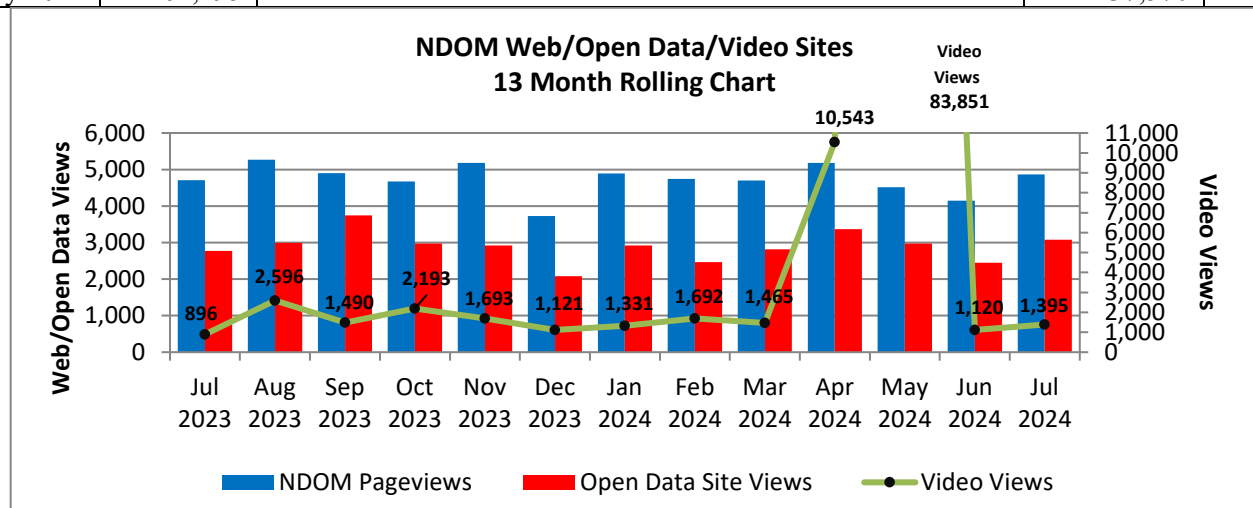
Reclamation Bond Pool: July bond pool activities included one notice level bond released, and one plan-level and one notice-level bond release processed.

Reclamation Bond Pool Status Report		Current to: 8/1/2024						
Plan-level Bonds -Company	Project	Entry Date	Bond Amount	% of Pool	Comments	Deposit	Premiums Paid	% Bond Whole
Quartz Lake Mining	Red Rock Mill	8/16/2023	\$712,867.00	32.75%		\$406,706.14	\$55,122.57	64.8%
Allegiant Gold	Eastside	11/19/2021	\$163,064.00	7.49%		\$84,036.27	\$44,845.96	79.0%
Custom Details	Bovie-Lew	11/17/2006	\$0.00	0.00%	Released on 7/22/24, awaiting payout	\$0.00	\$19,370.51	xx
New Gold Nevada (NV Rae)	Black Rock Canyon	4/15/2005	\$66,673.00	3.06%		\$33,715.62	\$175,376.12	313.6%
SNL Sand LLC	Money Pit	5/21/2004	\$0.00	0.00%	Transferred to BLM 6/21/24	\$0.00	\$117,774.35	xx
Western Mine Dev.	Victorine Mine	5/24/2000	\$45,875.39	2.11%	terminated	\$0.00	\$0.00	xx
Western Mine Dev.	Kingston Mill	5/24/2000	\$100,450.00	4.61%	terminated	\$0.00	\$0.00	xx
TNT Venture	Big Canyon	1/27/2010	\$81,956.00	3.76%		\$43,410.03	\$54,894.69	119.9%
Dun Glen Mining	Dun Glen	8/11/2014	\$371,138.00	17.05%	Reduced 4/17/24	\$238,536.99	\$227,058.41	125.5%
Statewide Notice-Level	Various	various	\$634,878.00	29.16%	46 Notice-level bonds			
Total Bond Amount			\$2,176,901.39					
Cash in Pool's Account (From BSR - 7/31/2024)			\$3,240,250.25					
Unfunded Amount			-\$1,063,348.86					
Percent funded			148.8%					

Minerals Education and Outreach: Staff were able to perform 9 in-person presentations and 1,395 web-hosted videos, reaching an estimated 1,600 members of the public. These presentations consist of in-classroom and virtual classroom at K-12 Nevada schools, trade shows, civic groups, career fairs, outdoor recreation activities, and other various events.

Website/Open Data Site Activity:

Period	NDOM Website Pageviews	NDOM Website Top 5 Pageviews	NDOM Open Data Site Views	NDOM Video Views
Jul 2024	4,865	Home, Mining Claims, Geo Home, AML Home, and Data webpage	3,081	1,395
July 2023- July 2024	61,495		37,570	111,386



Financial, Personnel, and Safety: The reserve balance at the end of July was \$3,347,945. FY 2024 Year end finances will be closed in August 2024. The Division is fully staffed and there were no work safety incidents in July.

MONTHLY ACTIVITY REPORTS

July 2024

Administrator (Rob Ghiglieri):

1. With ASD, Garrett, and Crystal worked on the FY26/FY27 agency budget.
2. Presented at the MMSA AML Good Samaritan Summit in Grass Valley CA.
3. Organized and executed the 2024 Excellence in Mining Reclamation Awards tour to two nominated sites. The committee that attended the tour consisted of NDOM, NDEP, BLM, USFS, and NDOW. Awards will be given in September at the NvMA Convention.
4. Attended an AML Good Samaritan meeting with Trout Unlimited, Nevada Gold Mines, USFWS, and NDOW to identify any potential Lahontan Cutthroat Trout AML projects.
5. Continued with my CPM class and capstone project.
6. Attended the UNR Center for Economic Development annual Board meeting.
7. Presented on the Commission and Division to the Nevada Association of Counties.
8. Received the green light from Governor's office pursue the Interstate Mining Compact Commission membership BDR for 2025 legislative session.
9. Participated in various meetings and committees to include the GOED, DRI, IMCC, BLM, USFS, Australia Mining Association Austmine, member of the Alberta Canada mine regulation agency, Elko Daily Press, NAAML P Membership, Hudbay Minerals, the Governor's Office, NvMA, Resourcing Tomorrow, and others.

Deputy Administrator (Garrett Wake):

1. July 2024 Bond Pool Activity:
 1. One notice level bond released
 2. One plan-level and one notice-level bond release processed, waiting payout
2. Provided a presentation on Nevada Mining and the Division's AML program to the BLM, FWS and USFS southern Nevada office; approximately 15 members present.
3. Participated in a MINExpo Market Readiness Webinar with NDOM Administrator Ghiglieri and NV GOED.
4. Completed online pre-course work for, and attended the TOPCORP regulator workshop in Golden, CO.
5. Participated in the 2024 annual Excellence in Mine Reclamation award tours with Administrator Ghiglieri, federal and state regulators.
6. Assisted Administrator Ghiglieri and ASD with the FY 26-27 budget build, FY 24 close out and balance transfer work programs, and FY 25 work programs.
7. Chaired a McCaw School of Mines quarterly board meeting.

July 2024 Bond Pool snapshot:

Reclamation Bond Pool Status Report			Current to: 8/1/2024					
Plan-level Bonds -Company	Project	Entry Date	Bond Amount	% of Pool	Comments	Deposit	Premiums Paid	% Bond Whole
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Unfunded Amount			-\$1,063,348.86					
Percent funded			148.8%					

Chief, Abandoned Mine Lands Program (Sean Derby):

1. AML staff continued to collaborate with state partners at NDOW and NDOT with site selection recommendations and initial vetting for HWY 361 hard closure project.
2. AML staff accompanied interns at locations in Ely, Mineral, and Humboldt to complete 240 logging survey site visits.
3. AML staff took part in MMSA AML summit in Grass Valley, CA and participated in a Good Samaritan legislation Grant workshop contributing recommendations to IMCC.
4. AML contractor EPS completed temporary closures on a total 70 hazards in Esmeralda County.
5. NDOM AML held meetings and SOSA training sessions with BLM and USFS to introduce agency interface capabilities and review current projects with new hires.
6. Cultural and wildlife survey work was completed in Elko and Nye Counties
7. EPS begin hard closure work on the Frieberg hard closure project in Nye County.

	SITES INVENTORIED	SITES SECURED	% Secured
Since 1987	25,664	21,055	82%
2024 To Date	675	300	44%

AML Hard Closure Project Pipeline					
Planning Phase	Wildlife/Cultural Surveys in Progress	Pending CX	CX Received, Pending Closures	In Construction	Recently Completed
Delamar, Lincoln County, 45 Hazards	WFO East; Elko, 24 hazards	Treasure Hill, Ely, 19 hazards		Frieberg; Lincoln, 25 hazards	Olinghouse; Washoe, 58 hazards
361 NDOT, Mineral & Nye, 143 Hazards	WFO West; Elko, 23 hazards	Cahill; Humboldt, hazards 24			Aurora II; Mineral, 19 hazards
	Kingston; Nye & Lander, 49 hazards	Caseltan; Lincoln, 51 hazards			Pine Tree Mine; Mineral, 6
	Maggie Summit; Elko, 10 hazards	Jumping Jack, Nye, 5 hazards	Ely 10 Mile; White Pine, 28 hazards		

GIS/ Field Specialist (Lucia Patterson):

1. Updated Mining Claims on Open Data Site two times.
2. Updated OGG production data on Open Data Site
3. Attended Sage-Grouse Cooperating Agency meetings.
4. Peer reviewed the Lithium Report from NBMG.
5. Attended the UC in San Diego
6. Heavily modified the Nevada Mineral Production Experience to basically digitize the Major Mines Publication.
7. Gave a talk to the Comstock Gold Prospectors on the Open Data Site.
8. Fixed missing photo links for the Major Mines Open Data Site Layer, following the establishment of the mineralsgis server!
9. Worked on value calculations for 2023 Major Mines with data provided my taxation.
10. Set up Geoserver on the mineralsgis server with Layth.
11. Took an 8-hour NEPA training course.

Field Specialist (Rick Kauffman)

1. Created Field maps for weeks 9 to 11 for interns.
2. Upload and QA/QC incoming Intern data for weeks 7 to 10.
3. Land Research for weeks 7 to 10.
4. Created a decision letter for the Forrest Services' Jumping Jack project.
5. Created 3 viewshed project areas for the new HWY 361 corridor, to determine AML along route.
6. Worked on Geothermal Project areas map to complete the inventory of both active and inactive areas. (Still needs work with assistance from Dustin).
7. Attended the ESRI conference.
8. Had a field week with the interns in Mina area.
9. Researched Lidar workflow development and uses for NDOM.

AML/Fluid Minerals Field Specialist (Peter Engh):

1. Lead the interns in the Manhattan area field week.
2. Met with Trout Unlimited, NDOW, and Nevada Gold Mines in Elko to discuss a list of potential projects to restore and invest in Native Lahontan Cutthroat Habitat in the area.
3. Communicated with Trout Unlimited, NDOW, and Nevada Gold Mines to determine a future meeting in August
4. Updated cultural and wildlife recommendations for the Jumping Jack HRC project on USFS land
5. Sent Final Closure report for Aurora II to Forest Service
6. Finished Petroleum Engineering & Technology and Petroleum Geology online courses for TopCorp
7. Attended TopCorp in Golden Colorado
8. Lead the interns for their final field week, a 10-day trip in Ely, and Mina.
9. Held a safety audit wherein the interns preformed a first aid scenario, in which they exceeded expectations
10. Preformed on the ground reconnaissance of the Delamar HRC project for the BLM and added newly found AML hazards to the project list
11. Preformed aerial reconnaissance of the Delamar HRC project with a Drone
12. Processed data requests
13. Uploaded and QA/QC'd data from field weeks

Fluid Minerals Program Manager (Dustin Holcomb):

1. Delegate the responsibility of digitizing hardcopy files to interns.
2. Meet with the BLM on the monthly permit coordination meeting.
3. Respond to several inquiries regarding geothermal and DMRE activities
4. Meet with a representative from Kosmo E&P, Japanese Oil Company interested in DMRE.
5. Process 1 geothermal sundry.
6. 5 geothermal resource development well permits were approved.
7. Perform 34 well audits at the Ormat owned Dixie Valley geothermal fields.
8. Adjudicate 9 DMRE borehole NOI to Drill, for projects in Lida Valley and Columbus Marsh.
9. Give a presentation on Nevada's Environmental Considerations for Geothermal to Colorado School of Mines
10. Meet with Elko Heat Company to discuss geothermal project in Elko.
11. Inspect drilling operations and BOPE test at STC Ventures project.
12. Inspect the production and injection wells at the Peppermill Casino
13. Attend the Geothermal Rising: Subsurface Geothermal Symposium

FY 2025 Well Inspections					
	Total # of Wells	# Wells Needed for FY25 (1/3 of total)	Wells Inspected this month	# of Wells Inspected in FY25	Wells Remaining
Geothermal	491	164	36	36	128
Oil	122	41	0	0	41
Totals	613	205	36	36	169

Well Drilling Operations					
Permit	Well	Operator	Field	Type	Status
1574	82(83)-27	Ormat	McGee	Obs.	Drilling
1586	31-32	STC Ventures	Steamboat	Obs.	Drilling

Project Manager (Keith Hayes):

1. Continued review of DRI Lithium Report including communication and collaboration with NDEP.
2. Got oil change at Jiffy Lube for Ford F150 (EX82221) (7/5).
3. Attended Education Committee Meeting to discuss this year's Earth Science Education Workshops (7/9).
4. Went into the field with interns (7/15-7/19).
5. Got new 2024 Toyota Tacoma registered at DMV (7/22).
6. Met with Alex W. (NVMA) and the NDOM team to discuss the future of the Earth Science Education Workshops (7/22).
7. Taught a Rock and Minerals course at the Galena Exploration Camp (7/24).
8. Registered Nevada Booth at PDAC (7/26).
9. Drafted Scope of Work for updated event displays (7/27).
10. Met with Estipona Group to discuss timeline, expectations, and design elements for the updated AML brochures (7/30).
11. Taught a Rock and Minerals course at the Galena Exploration Camp (7/31).

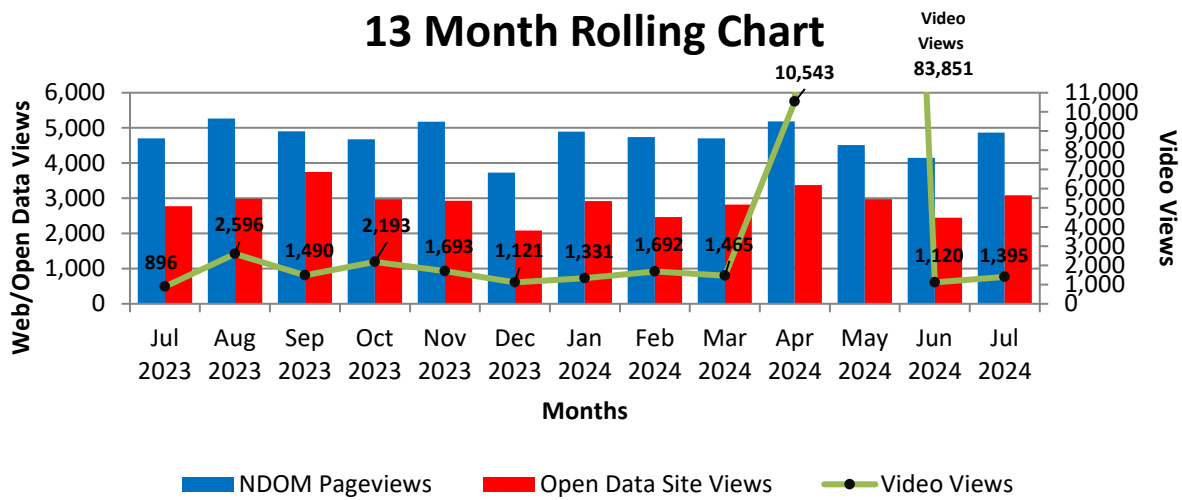
AML/Public Outreach and Education – Southern Nevada Field Specialist (Carol Shelton):

1. Hosted the All About Mining course which ran from June 26th to July 31st. Hosting included grading assignments and reviewing PDE log prior to being submitted to the Clark County School District Professional Development Education office. 84% of the teachers who signed up for the course completed it.
2. Attended the 5-day Energy Science and Technology Workshop hosted by the University of Texas at Austin. In addition to gaining valuable insight into the US oil and natural gas industry, I also gained pointers which could be incorporated and used during our teacher workshops. Key takeaways were as follows:
 - a. Standardize the classes offered and schedule so that the same agenda, content and outline can be used for both the Southern and Northern workshops.
 - b. Identify standard classes, prepare lesson plans with applicable standards, and develop a standard presentation with detailed speaker notes.
 - c. Make PowerPoint presentations, lesson plans, handouts, etc. immediately available to participants by housing in one central location that is easily accessible to participants.
 - d. Extend classes to two hours and use QR code at the end of each class for survey. Surveys should then be made immediately available for those who need or want to see them.
 - e. Use Kahoot.com for pre -presentation and post-presentation quizzes for each class.
3. Attended the annual Diversity & Inclusion Liaison meeting as required by Nevada code. The purpose was to identify any difficulties that we may have reaching diverse populations that interact with our Agency and to share lessons learned.
4. Attended several Education Workshop meetings to prepare for the workshop, discuss how the workshop was carried out and to identify ways or methods of improvement.
5. Based on comments received by attendees, prepared a draft document which identified a way to update and reformat the All About Mining course flow. The update, once implemented, should provide for a smoother experience while taking the course.
6. Prepared a PowerPoint presentation for the opening Zoom meeting for the All About Mining course. In this way, all information required to be presented to attendees is fully outlined and available to whomever may be hosting the meeting.
7. Prepared flyer to send to CCSD offering education and outreach services for the 2024-2025 school year.
8. With the help of Debbie Selig, made changes to the Education and Outreach webpage.

Website Activity:

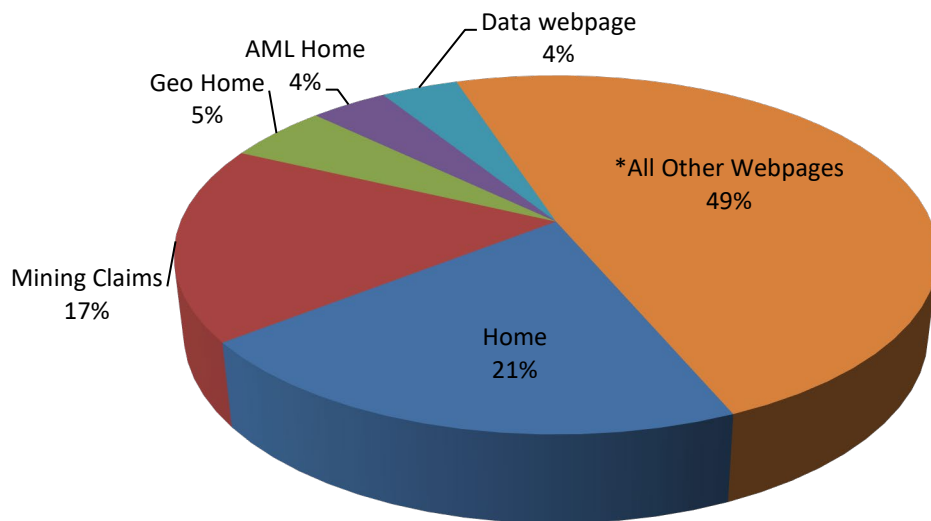
Period	NDOM Website Pageviews	NDOM Website Top 5 Pageviews	NDOM Open Data Site Views	NDOM Video Views
Jul 2024	4,865	Home, Mining Claims, Geo Home, AML Home, and Data webpage	3,081	1,395
July 2023- July 2024	61,495	*Unique View Stats are No Longer Available	37,570	111,386

NDOM Web/Open Data/Video Sites 13 Month Rolling Chart



July 2023 stats going forward represent "Page View Stats" which include multiple views of the same webpage; Unique Pageview Stats is no longer available. Numbers will be higher than normal.

NDOM Website - Top 5 Page Views for July 2024



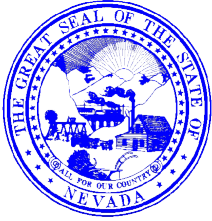
*All Other Webpages - Site pages including Home Pages, Current Information, About Us, Commission, Programs, News, FAQs, and Contact Us pages.

Top Visitors

Jul-2024	Country	United States, India, Canada, Australia, and Philippines
	State	Nevada, California, Washington, Texas, and Colorado
	City	Las Vegas, (unknown), Reno, Los Angeles, and San Jose

	<u>Video Views</u> <u>in</u> <u>July 2024</u>	<u>Top 5 Video Views</u>	<u>Dist</u> <u>Learn</u> <u>Trkr #</u> <u>of</u> <u>Classes</u>	<u>No.</u> <u>NV</u> <u>45%</u>	<u>So.</u> <u>NV</u> <u>55%</u>
Without Jimmy King Videos	1,327	1. Mining in Nevada - 18:22 mins. (both videos); 2. The Basics of Mineral Identification; 3. Ore Deposits an Overview; and 4. Cupcake Core Drilling & Drillin For Doh; and 5. APP_ Videos 50ea Totaled Together	53	24	29
With Jimmy King Videos	1,395	1. Mining in Nevada - 18:22 mins. (both videos); 2. The Basics of Mineral Identification; 3. Ore Deposits an Overview; and 4. Cupcake Core Drilling & Drillin For Doh; and 5. APP_ Videos 50ea Totaled Together	56	25	31

****Video views for Jimmy King KOBI are from the NDOM YouTube site only****



JOE LOMBARDO
Governor

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Robert Ghiglieri
Administrator

EXECUTIVE SUMMARY AND MONTHLY ACTIVITY REPORTS

August 2024

Legislation, Industry, and Public Relations: The Administrator presented on Nevada's Mining and Minerals Industry during a six mining and exploration webinar on titled "*Nevada: America's Leader in Lithium Supply*." Over 200 virtual attendees with the video available for viewing on their website. In coordination with the Governor's Office the Fluid Mineral Program Manager and Administrator attended a tour of SLB's Pilot Plant for their new Direct Lithium Extraction (DLE) technology. Attended the 2024 BLM Gold Belt meeting with the BLM, UFWS, and Industry where the BLM gave updates on the minerals program and current federal policy updated from Washington DC. The Administrator presented Nevada's Minerals Industry at the Society of Mining, Metallurgy & Exploration (SME) Mineral Processing Conference in Reno. The Agency participated in various meetings and committees to include the UNR, NBMG, GOED, IMCC, BLM, USFS, NAAMLMP Membership, Hudbay Minerals, Trout Unlimited, FRTC, the Nature Conservancy, the Governor's Office, NvMA, and others.

Abandoned Mine Lands (AML): AML summer interns completed the 2024 field season with 714 loggings, 30 securings, 514 revisits, and 2,450 non-hazardous sites located. EPS completed hard closure work on 25 hazards at the Frieberg hard closure project in Nye County.

End-of-August AML statistics:

	Sites Inventoried	Sites Secured	% Secured
Since 1987	25,926	21,080	82%
2024 To Date	937	325	35%

Fluid Minerals: Three geothermal resource development well permits were approved. Five geothermal sundries were processed and three well audits were performed at the Moana geothermal fields.

The Fiscal year-to-date inspection status:

FY 2025 Well Inspections					
	Total # of Wells	# Wells Needed for FY25 (1/3 of total)	Wells Inspected this month	# of Wells Inspected in FY25	Wells Remaining
Geothermal	491	164	3	39	122
Oil	122	41	0	0	41
Totals	613	205	3	39	163

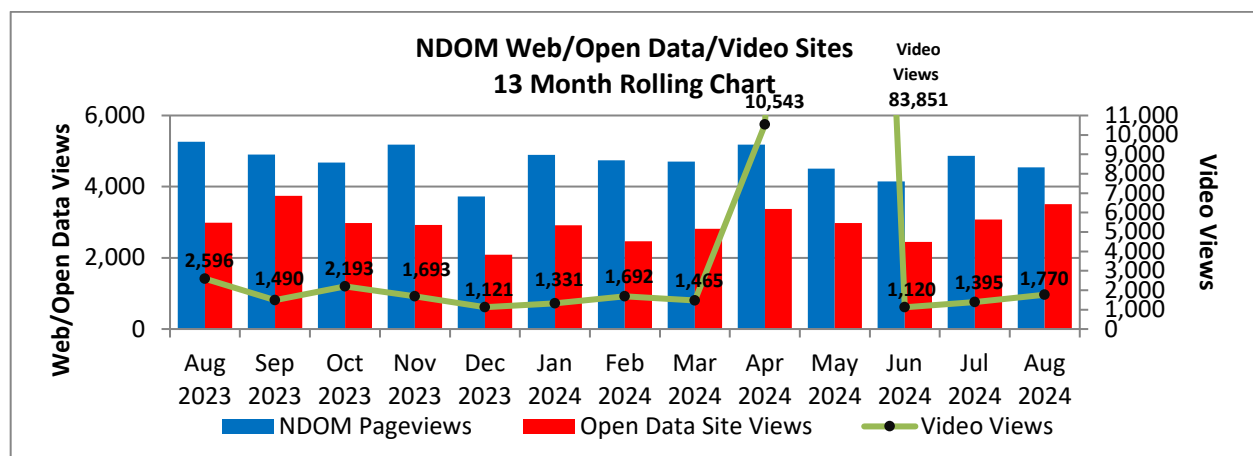
1. **Reclamation Bond Pool:** August bond pool activities included One new notice-level bond initiated; two notice-level bonds released pending payout. One plan-level bond release finalized.

Reclamation Bond Pool Status Report		Current to: 9/3/2024						
Plan-level Bonds -Company	Project	Entry Date	Bond Amount	% of Pool	Comments	Deposit	Premiums Paid	% Bond Whole
Quartz Lake Mining	Red Rock Mill	8/16/2023	\$712,867.00	32.55%		\$406,706.14	\$70,852.55	67.0%
Allegiant Gold	Eastside	11/19/2021	\$163,064.00	7.45%		\$84,036.27	\$44,845.96	79.0%
Custom Details	Bovie-Lew	11/17/2006	\$0.00	0.00%	Released on 7/22/24, awaiting payout	\$0.00	\$19,370.51	xx
New Gold Nevada (NV Rac)	Black Rock Canyon	4/15/2005	\$66,673.00	3.04%		\$33,715.62	\$175,376.12	313.6%
SNL Sand LLC	Money Pit	5/21/2004	\$0.00	0.00%	Transferred to BLM 6/21/24	\$0.00	\$117,774.35	xx
Western Mine Dev.	Victorine Mine	5/24/2000	\$45,875.39	2.09%	terminated	\$0.00	\$0.00	xx
Western Mine Dev.	Kingston Mill	5/24/2000	\$100,450.00	4.59%	terminated	\$0.00	\$0.00	xx
TNT Venture	Big Canyon	1/27/2010	\$81,956.00	3.74%		\$43,410.03	\$54,894.69	119.9%
Dun Glen Mining	Dun Glen	8/11/2014	\$371,138.00	16.95%	Reduced 4/17/24	\$238,536.99	\$227,058.41	125.5%
Statewide Notice-Level	Various	various	\$648,107.00	29.59%	46 Notice-level bonds			
Total Bond Amount			\$2,190,130.39					
Cash in Pool's Account (From BSR -8/30/2024)			\$3,205,038.57					
Unfunded Amount			-\$1,014,908.18					
Percent funded			146.3%					

Minerals Education and Outreach: Staff began literature review to write Types of Rocks presentation for middle schoolers and Energy presentation for high schoolers. Lesson plans and associated activity will also be prepared. Staff also prepared a Nevada Statehood and Mining presentation and activity for elementary school aged students. Carol Shelton scheduled approximately 100 education and outreach activities in Southern Nevada and neighboring rural counties. The majority of these are scheduled to occur before the end of the calendar year.

Website/Open Data Site Activity:

Period	Website Pageviews	NDOM Website Top 5 Pageviews	NDOM Open Data Site Views	Video Views
Aug 2024	4,539	Mining Claims, Home, Geo Home, Mining Home, and MiningStockCert	3,508	1,770
Aug 2023-Aug 2024	61,327		38,305	112,260



Financial, Personnel, and Safety: The reserve balance at the end of August was \$3,103,070. FY 2024 Year end finances were closed August 30, 2024. The Division is fully staffed and there were no work safety incidents in August.

MONTHLY ACTIVITY REPORTS

August 2024

Administrator (Rob Ghiglieri):

1. Prepared and presented at the quarterly CMR Meeting.
2. With ASD, Garrett, and Crystal finalized and submitted the FY26/FY27 agency budget.
3. Presented on Nevada's Mining and Minerals Industry during the 6ix webinar on Nevada: America's Leader in Lithium Supply. Over 200 virtual attendees with the video available for viewing on their website.
4. Attended a tour of SLB's Pilot Plant for their new Direct Lithium Extraction (DLE) technology.
5. Worked with Three Sticks Production to finalize the first ever, Excellence in Reclamation Awards video. The video can be viewed here: <https://www.youtube.com/watch?v=8CH-oCdSAmg>
6. Attended the 2024 BLM Gold Belt meeting with the BLM, UFWS, and Industry.
7. Presented Nevada's Minerals Industry at the SME Mineral Processing Conference in Reno.
8. With Dustin, held a meeting with UNR to assist in their permitting of Geothermal drilling within the state.
9. Held a follow up meeting with a Copper Mining company I met at SelectUSA to discuss Nevada's mining sector as they plan to bid on the Nevada Copper project.
10. Attended the Interim Natural Resource Legislative committee and its Public Lands subcommittee.
11. Participated in various meetings and committees to include the UNR, NBMG, GOED, IMCC, BLM, USFS, NAAMLMP Membership, Hudbay Minerals, Trout Unlimited, FRTC, the Nature Conservancy, the Governor's Office, NVMA, and others.

Deputy Administrator (Garrett Wake):

1. August 2024 Bond Pool Activity:
 - a. One new notice-level bond initiated; two notice-level bonds released pending payout.
 - b. One plan-level bond release finalized.
2. Attended and presented at a Commission on Mineral Resources meeting in Elko.
3. Created the 2024 Excellence in Mine Reclamation flyer. Assisted Administrator Ghiglieri in generating a mine reclamation award video.
4. Worked with ASD on finalizing the FY26-27 budget build and closing out FY24. Began creating FY25 work programs for CMR approved projects and projected category budget shortfalls.
5. Completed two State of Nevada courses on employee supervision and management; conducted one staff annual evaluation.
6. Worked with Project Manager on developing new NDOM displays and AML outreach brochures.
7. Managed the Reclamation Performance Bond Pool.
8. Attended the following: budget build & service agreement meetings with ASD, Joint Interim Standing Committee meeting (virtual), NVMA/NDOM Education Committee meeting, and NDOM staff meeting.

August 2024 Bond Pool snapshot:

Reclamation Bond Pool Status Report		Current to: 9/3/2024						
Plan-level Bonds -Company	Project	Entry Date	Bond Amount	% of Pool	Comments	Deposit	Premiums Paid	% Bond Whole
Quartz Lake Mining	Red Rock Mill	8/16/2023	\$712,867.00	32.55%		\$406,706.14	\$70,852.55	67.0%
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Total Bond Amount			\$2,190,130.39					
Cash in Pool's Account (From BSR -8/30/2024)			\$3,205,038.57					
Unfunded Amount			-\$1,014,908.18					
Percent funded			146.3%					

Chief, Abandoned Mine Lands Program (Sean Derby):

1. AML staff ground truthing and site vetting in collaboration with state partners at NDOW and NDOT and selected 99 sites which may require permanent closure due to the relocation of state route 361.
2. AML summer interns completed the 2024 field season with 714 loggings, 30 securings, 514 revisits, and 2450 non-hazardous site located.
3. AML staff tasked contractors with 3 follow up safeguarding projects from summer intern inventory efforts.
4. NDOM AML held meetings and SOSA training sessions with BLM and USFS to introduce agency interface capabilities and review current projects with new hires.
5. Cultural and wildlife survey work and reporting was completed in Lincoln, Humboldt, Elko, Lander, and Nye.
6. EPS completed hard closure work on 25 hazards at the Frieberg hard closure project in Nye County.

	SITES INVENTORIED	SITES SECURED	% Secured
Since 1987	25,926	21,055	82%
2024 To Date	937	300	32%

AML Hard Closure Project Pipeline					
Planning Phase	Wildlife/Cultural Surveys in Progress	Pending CX	CX Received, Pending Closures	In Construction	Recently Completed
Delamar, Lincoln County, 45 Hazards	WFO East; Elko, 24 hazards	Treasure Hill, Ely, 19 hazards			Friberg; Lincoln, 25 hazards
361 NDOT, Mineral & Nye, 143 Hazards	WFO West; Elko, 23 hazards	Cahill; Humboldt, hazards 24			Aurora II; Mineral, 19 hazards
	Kingston; Nye & Lander, 49 hazards	Caselton; Lincoln, 51 hazards			Pine Tree Mine; Mineral, 6
	Maggie Summit; Elko, 10 hazards	Jumping Jack, Nye, 5 hazards	Ely 10 Mile; White Pine, 28 hazards		Eureka Mine; Clark, 3 Hazards

GIS/ Field Specialist (Lucia Patterson):

1. Updated Mining Claims, Plan, Notice and ROW on Open Data Site twice.
2. Created new applications for all webmaps within our Open Data Site.
3. Attended and presented the Mineral Production Application at the CMR meeting in Elko.
4. Worked on mineral production value QAQC using data provided from Taxation.
5. Worked on claims data and letter for the FRTC.
6. Got Geoserver up and running and moved several items for the Open Data Site over to the new server.
7. Attended the NMA environmental committee meeting.
8. Reviewed Sage-Grouse documents provided from the BLM and wrote comments.
9. Put most of the Major Mine's publication together and completed operation reserves research.
10. Attended a one-day mineral processing workshop through SME.
11. Updated claims dashboard to include Notice, Plan and ROW acreages.

Field Specialist (Rick Kauffman)

1. Completed intern and EPS data uploads and land research for the summer logging and securing campaigns.
2. Organized and uploaded data for Bob Thomas (Geologist) for Caselton, Ely 10mi, and Jumping Jack. He began at Ely 10 mile on Sept 3.
3. Field work for the new highway 361 project outside of Gabbs, this included: Organization of data uploading/downloading data and updating land ownership of all the sites in the area.
4. Began working with 3DEP lidar for AML purposes, including outsourced satellite imagery for higher resolution basemaps. Have a couple of areas ready to go but waiting on the 3D analysis tools to push data further.
5. Created and uploaded securing data for EPS to Dixie Valley, Manhattan, and Mina areas.
6. Drove the new Tacoma to Vegas.

AML/Fluid Minerals Field Specialist (Peter Engh):

1. Performed exit interviews with the 2024 Interns and collected all viable feedback to document for future seasons.
2. Met with Trout Unlimited and Nevada Gold Mines to further Discuss the Lahontan Cutthroat Trout AML project
 - a. Created a GIS map to demonstrate the proximity of any abandoned mines or suspected abandoned mines to current Lahontan Cutthroat Trout habitat bearing rivers and lakes
3. Completed field work reconnaissance for the NDOT 361 hwy project outside of Gabbs.
4. Met with Patrick Smorra at NV State Lands to discuss closure of all remaining AML sites on NV State Land property.
 - a. Created a Shapefile to display project priority areas on ARCGIS Online.
5. Completed the Environmental Stewardship online course for TOPCORP
6. AML with NDOM employees to discuss current projects and AML forecast
7. Helped update BLM grant due to feedback given to NDOM from BLM
8. Uploaded pictures of AML hazards from field weeks

Fluid Minerals Program Manager (Dustin Holcomb):

1. Complete Information Request (FOIA).
2. Meet with the BLM on the monthly permit coordination meeting.
3. Continue efforts to organize the drilling bond database.
4. Respond to several inquiries regarding geothermal and DMRE activities.
5. Process 5 geothermal sundry.
6. Meet with Ormat to discuss non API BOPE.
7. Meet with UNR-NBMG to discuss permits and bond waivers.
8. 3 geothermal resource development well permits were approved.
9. Perform 3 well audits at the Moana geothermal fields.
10. Attend the Geothermal Rising: Subsurface Geothermal Symposium.
11. Tour SLB's pilot DLE plant, in Clayton Valley, Esmeralda County.
12. Finalize edits on the NDEP-NDOM Interlocal Contract.
13. Attend NDOM staff meeting and complete required IT training.

FY 2025 Well Inspections					
	Total # of Wells	# Wells Needed for FY25 (1/3 of total)	Wells Inspected this month	# of Wells Inspected in FY25	Wells Remaining
Geothermal	491	164	3	39	125
Oil	122	41	0	0	41
Totals	613	205	1	39	166

Well Drilling Operations					
Permit	Well	Operator	Field	Type	Status
1576	11-26	Ormat	McGee	Obs.	Drilling

Project Manager (Keith Hayes):

1. Completed 5 Borehole Permit Requests in the Columbus Basin for Altitude Lithium (8/1)
2. Got TRD skid plate installed on 2024 Tacoma (8/1)
3. Ordered 216 AML Mugs and 500 AML stress reliever bats (8/8)
4. Ordered 900 plastic children's hard hats for Carol's career outreach (8/9)
5. Ordered 1000 AML Stay Out Stay Alive stickers (8/9)
6. Met with Matt D. (NDEP) to discuss a joint effort to do a classroom presentation on evaporation ponds in Las Vegas in September (8/12)
7. Received estimates for the creation of 2 new conference display panels and awarded the work to Estipona Group (8/13)
8. Met with Estipona Group to discuss design ideas for display panels (8/13)
9. Corresponded with Ms. Spaulding at Van Gorder Elementary School to teach a rock and minerals course in her classroom in September (8/18)
10. Ordered 42" touch screen monitor and wi-fi access for MinEXPO (8/22)
11. Ordered wi-fi access for MinEXPO (8/22)
12. Ordered mint tins for MinEXPO (8/25)
13. Met with Alex W. (NvMA) and NDOM staff to discuss future education workshops (8/26)
14. Registered NDOM and GOED staff for MinEXPO (8/26)

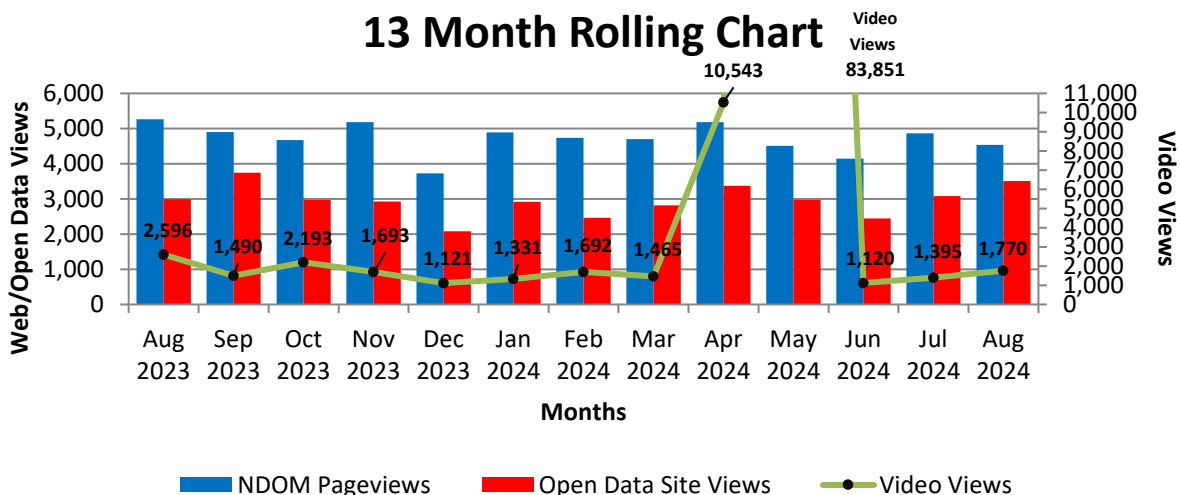
AML/Public Outreach and Education – Southern Nevada Field Specialist (Carol Shelton):

1. Scheduled approximately 100 education and outreach activities in Southern Nevada and neighboring rural counties. The majority of these are scheduled to occur before the end of the calendar year.
2. Attending training for facilitators of CCSD Professional Learning Education program. This training was required for instructor's offering courses for PDE credit like our All About Mining course and our Southern Nevada Earth Science Teacher's Workshop.
3. Made edits to the opening presentation for the All About Mining course based on the information provided in training.
4. Received approval from Garrett to reorder the topics in the All About Mining course. Since the course has not been updated in several years, I began searching for current videos to populate the course with.
5. Prepared a Nevada Statehood and Mining presentation and activity for elementary school aged students.
6. Made minor updates to and submitted the Language Access Plan to the Governor's Office for New Americans.
7. Began literature review to write Types of Rocks presentation for middle schoolers and Energy presentation for high schoolers. Lesson plans and associated activity will also be prepared.

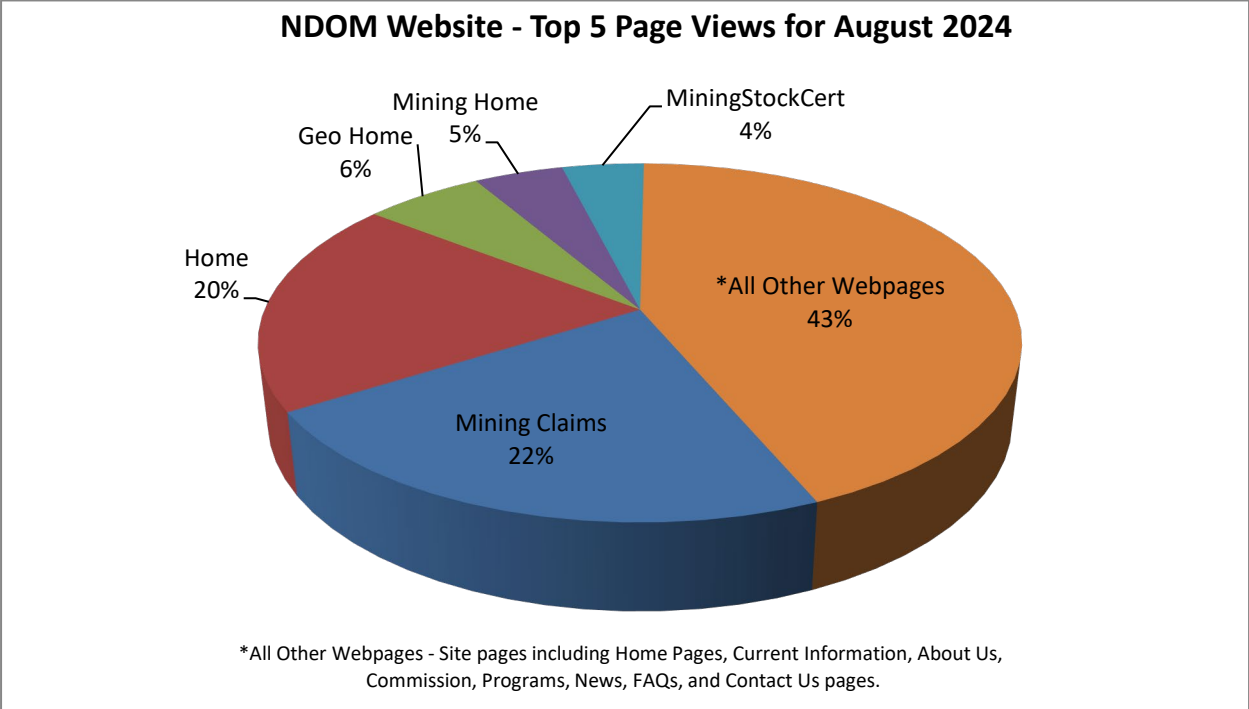
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Period	NDOM Website Pageviews	NDOM Website Top 5 Pageviews	NDOM Open Data Site Views	NDOM Video Views
Aug 2024	4,539	Mining Claims, Home, Geo Home, Mining Home, and MiningStockCert	3,508	1,770
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**NDOM Web/Open Data/Video Sites
13 Month Rolling Chart**



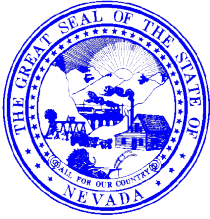
July 2023 stats going forward represent "Page View Stats" which include multiple views of the same webpage; Unique Pageview Stats is no longer available. Numbers will be higher than normal.



Top Visitors		
Aug-2024	Country	United States, Canada, India, Australia, and China/Germany/United Kingdom
	State	Nevada, California, Texas, Colorado, and Utah
	City	Las Vegas, (unknown), Reno, Los Angeles, and San Jose

	Video Views in August 2024	Top 5 Video Views	Dist Learn Trkr # of Classes	No. NV 45%	So. NV 55%
Without Jimmy King Videos	1,372	1. The Basics of Mineral Identification; 2. Mining in Nevada - 18:22 mins. (both videos); 3. Ore Deposits an Overview; 4. APP_Videos 50 ea Totaled Together/Geologist Career Presentation; and 5. Building a Web Mapping Platform	55	25	30
With Jimmy King Videos	1,770	1. The Basics of Mineral Identification; 2. Mining in Nevada - 18:22 mins. (both videos); 3. JK-KOBI Full Video; and 4. Ore Deposits an Overview; and 5. APP_Videos 50 ea Totaled Together/Geologist Career Presentation	71	32	39

Video views for Jimmy King KOBI are from the NDOM YouTube site only



STATE OF NEVADA
COMMISSION ON MINERAL RESOURCES
DIVISION OF MINERALS
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Carson City, Nevada 89703
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Governor

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ROBERT GHIGLIERI
Administrator

EXECUTIVE SUMMARY AND MONTHLY ACTIVITY REPORTS

September 2024

Legislation, Industry, and Public Relations: In partnership with NDOW, DCNR, BLM, and USFS we awarded Kinross Bald Mtn and Coeur Rochester 2024 Excellence in Mine Reclamation awards. The projects can be viewed <https://www.youtube.com/watch?v=8CH-oCdSAmg>. Participated in MINExpo in Las Vegas and the Nevada Lithium Summit in Lake Tahoe. The Administrator was interviewed by Steve Clemens from the National Interest for an event called “The New Renaissance in Mining” and discussed the role of mining in the transition from fossil fuels. Senator Manchin from West Virginia was also interviewed.

The Administrator was awarded the Stan Benard Award from the National Association of Abandoned Mine Lands Program (NAAML). This award is given to one individual in the nation each year in recognition of their dedication to the cleanup of abandoned mine lands and outstanding dedication, commitment, and hard work toward the enhancement of the Association. To qualify for this award, you must be nominated by member states and tribes and voted on by current and past leadership.

The Agency participated in various meetings and committees including the SEC, Federal Mining Dialogue, FRTC, Taxation, ASD, UNR, GOED, IMCC, BLM, NAAML Membership, the Governor’s Office, Canadian trade delegations, NvMA, and others.

Abandoned Mine Lands (AML): AML staff collaborated with USFS to perform two emergency closures containing deadly air quality in the vicinity of Kingston, NV in Lander in Nye Counties. AML staff tasked completed hazard site data analysis confirmation/condemnation of approximately 60,000 NV points and 564 hazards.

End-of-September AML statistics:

	SITES INVENTORIED	SITES SECURED	% Secured
Since 1987	25,926	20,467	82%
2024 To Date	937	889	94%

Fluid Minerals: 2 Geothermal sundries were processed as well as 9 geothermal resource development well permits. 4 DMRE borehole NOIs were adjudicated. Efforts were continued to organize the drilling bond database.

FY 2025 Well Inspections					
	Total # of Wells	# Wells Needed for FY25 (1/3 of total)	Wells Inspected this month	# of Wells Inspected in FY25	Wells Remaining
Geothermal	491	164	0	39	125
Oil	122	41	0	0	41
Totals	613	205	0	39	166

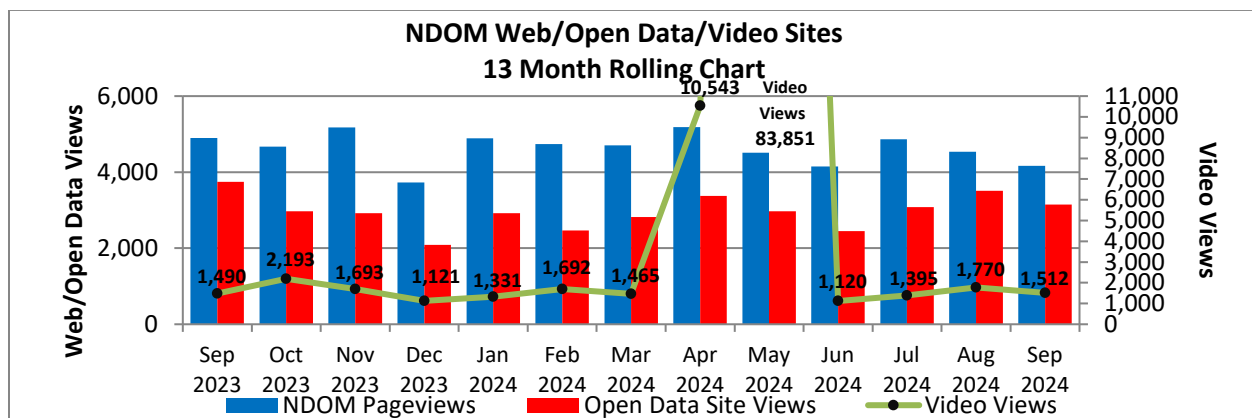
Bond Pool: Four notice level bonds were released, one increase, and one reduction. Bond pool database historic records were cleaned up with the help of Deborah Selig.

Reclamation Bond Pool Status Report		Current to: 10/7/2024						
Plan-level Bonds -Company	Project	Entry Date	Bond Amount	% of Pool	Comments	Deposit	Premiums Paid	% Bond Whole
Quartz Lake Mining	Red Rock Mill	8/16/2023	\$712,867.00	32.55%		\$406,706.14	\$70,852.55	67.0%
Dun Glen Mining	Dun Glen	8/11/2014	\$371,138.00	16.95%	Reduced 4/17/24	\$238,536.99	\$230,902.05	126.5%
Allegiant Gold	Eastside	11/19/2021	\$163,064.00	7.45%		\$84,036.27	\$44,845.96	79.0%
TNT Venture	Big Canyon	1/27/2010	\$81,956.00	3.74%		\$43,410.03	\$55,323.45	120.5%
New Gold Nevada (NV Rae)	Black Rock Canyon	4/15/2005	\$66,673.00	3.04%	Pending release by BLM	\$33,715.62	\$175,376.12	313.6%
Custom Details	Bovie-Lew	11/17/2006	\$0.00	0.00%	Released 7/12/24	\$0.00	\$19,370.51	xx
SNL Sand LLC	Money Pit	5/21/2004	\$0.00	0.00%	Transferred to BLM 6/21/24	\$0.00	\$117,774.35	xx
Western Mine Dev.	Victorine Mine	5/24/2000	\$45,875.39	2.09%	terminated	\$0.00	\$0.00	xx
Western Mine Dev.	Kingston Mill	5/24/2000	\$100,450.00	4.59%	terminated	\$0.00	\$0.00	xx
Statewide Notice-Level	Various	various	\$648,107.00	29.59%	46 Notice-level bonds			
Total Bond Amount			\$2,190,130.39					
Cash in Pool's Account (From BSR -10/4//2024)			\$3,229,428.26					
Unfunded Amount			\$-1,039,297.87					
Percent funded			147.5%					

Minerals Education and Outreach: A detailed formatted lesson plan was prepared for use with the online All About Mining. Carol Shelton hosted the All About Mining live sync kick-off meeting. Presentation was held at Priest ES on mining, mineral, and AML, 5 sessions were conducted with approximately 125 students. Carol Shelton also presented at Virgin Valley HS on mining, minerals, careers and AML, 3 sessions were conducted for approximately 50 students. Another presentation was held at Tarr ES on mining, minerals, and AML, 4 sessions were conducted with approximately 120 students. Presentation to the GATE classes at Hoggard ES on mining, minerals, mining in Nevada, and AML to two classes with 24 students. Presented at Walker ES with Keith Hayes and Matt Donaldson with NDEP at Walker ES to approximately 100 students. Topics included evaporation ponds, mining, minerals, and AML.

Website/Open Data Site Activity:

Period	NDOM Website Pageviews	NDOM Website Top 5 Pageviews	NDOM Open Data Site Views	NDOM Video Views
Sep 2024	4,168	Home, Mining Claims, Geo Home, Mining Home, and Data webpage	3,147	1,512
Sept 2023-Sept 2024	60,229		38,464	111,176



Financial, Personnel, and Safety: The reserve balance at the end of September was \$2,975,914. The Division is fully staffed and there were no work safety incidents in September.

MONTHLY ACTIVITY REPORTS

September 2024

Administrator (Rob Ghiglieri):

1. Attended the first Governor's Lithium Summit in Tahoe and was a part of the permitting panel.
2. Attended MINExpo in Las Vegas and presented on the Nevada Minerals Industry to members of Chile, Peru and Nevada representatives.
3. I was awarded the Stan Benard Award from the National Association of Abandoned Mine Lands Program (NAAMLPLP). This award is given to one individual in the nation each year in recognition of their dedication to the cleanup of abandoned mine lands and outstanding dedication, commitment, and hard work toward the enhancement of the Association. To qualify for this award, you must be nominated by member states and tribes and voted on by current and past leadership.
4. Held the Hardrock AML Committee meeting at the annual NAAMLPLP conference in West Virginia.
5. Presented the 2024 Excellence in Mining Reclamation awards at the NvMA annual convention in Lake Tahoe where the Governor was in attendance. This was the first year we created an awards video. The video can be viewed here: <https://www.youtube.com/watch?v=8CH-oCdSAmg>
6. I was interviewed by Steve Clemens from the National Interest for an event called "The New Renaissance in Mining" and discussed the role of mining in the transition from fossil fuels. Senator Manchin from West Virginia was also interviewed while former Governor Bob Miller attended the interview.
7. With NDEP, held a meeting with Geothermal companies on updating the existing NDOM/NDEP interlocal contract and process table.
8. Presenting Nevada's Mining statistics to the UNR Mine 120 class for non-earth science majors.
9. Held general mining or geothermal topic interviews with Climate Central, Elko Daily Press, and Recharge Nevada Initiative
10. Participated in various meetings and committees not mentioned above to include the SEC, Federal Mining Dialogue, FRTC, Taxation, ASD, UNR, GOED, IMCC, BLM, NAAMLPLP Membership, the Governor's Office, Canadian trade delegations, NvMA, and others.

Deputy Administrator (Garrett Wake):

1. September 2024 Bond Pool Activity:
 1. Four notice level bonds released, one increase, and one reduction.
 2. One plan-level bond pending release by BLM.
2. Attended the three-day MINExpo conference in Las Vegas; answered questions and provided NDOM reports and swag to attendees.
3. Submitted four work programs to ASD for review and input (CATs 04, 09, 18, 26).
4. Obtained quotes and prepared BOE packets for the purchase of three new agency vehicles.
5. Obtained remaining minerals and rocks for the NV State Museum exhibit and delivered to exhibit contractor.
6. Cleaned up bond pool database historic records with D. Selig.
7. Continued to assist in development of the revised AML brochure contracted to Estipona Group.
8. Attended the following: McCaw School of Mines board meeting, NV Veteran Peer Mentor meeting, and monthly RAMS SOSA database meeting.

September 2024 Bond Pool snapshot:

Reclamation Bond Pool Status Report			Current to: 10/7/2024					
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Unfunded Amount			-\$1,039,297.87					
Percent funded			147.5%					

Chief, Abandoned Mine Lands Program (Sean Derby)

1. AML staff collaborated with USFS to close two hazard sites containing deadly air quality in the vicinity of Kingston, NV in Lander in Nye Counties.
2. AML contractor EPS completed the Eureka Mine Closure at Lake Mead National Park in Clark County.
3. AML staff attended the UNR STEM Job Fair and began recruiting efforts for the 2025 Summer Internship.
4. AML staff tasked completed hazard site data analysis confirmation/condemnation of approximately 60,000 NV points and 564 hazards.
5. NDOM AML received categorical exclusion for hard closure work at three project location in Ely and Nye Counties. These projects combined include permanent closure of 48 hazards.
6. Wildlife survey work and reporting was completed in Elko County.
7. AML staff presented at the 2024 NAAML P Annual Conference and attended association committee meetings.

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AML Hard Closure Project Pipeline					
Planning Phase	Wildlife/Cultural Surveys in Progress	Pending CX	CX Received, Pending Closures	In Construction	Recently Completed
Delamar, Lincoln County, 45 Hazards	WFO East; Elko, 24 hazards	Jarbidge, Elko, 9 Hazards		Treasure Hill, Ely, 15 hazards	Friberg; Lincoln, 25 hazards
	361 NDOT, Mineral & Nye, 101 Hazards		Cahill; Humboldt, hazards 24		Aurora II; Mineral, 19 hazards

	Kingston; Nye & Lander , 49 hazards		Caselton; Lincoln, 51 hazards		Pine Tree Mine; Mineral, 6
	Maggie Summit; Elko , 10 hazards		Jumping Jack, Nye, 5 hazards	Ely 10 Mile; White Pine, 28 hazards	Eureka Mine; Clark, 2 Hazards

GIS/ Field Specialist (Lucia Patterson):

1. Updated Mining Claims (three times), Plan-Notice (twice) and ROW on Open Data Site.
2. Updated scripts for all data to create new field for date because experience builder doesn't support the old date field, therefore dates were not displaying in attribute tables.
3. Finalized and submitted a final draft for Major Mines.
4. Modified all scripts to streamline the data pull from MLRS for ROWs, plans and notices.
5. Updated the Nevada activity viewer dashboard to ease use on mobile devices.
6. Attended advanced NEPA training through NAEP.
7. Attended the Las Vegas Mine Expo.
8. Created a how-to for exporting and working with .csv files from the Open Data Site.
9. Generated a new dataset for Inferred Lithium Claims and updated associated PDF maps.
10. Attended the Lithium Summit in Incline Village.

Field Specialist (Rick Kauffman)

1. Lidar work and research ongoing. (Also waiting for ESRI)
2. Worked on Forest Service decision letters for Kingston, Manhattan and Ruby Mountains.
3. Escorted Forrest service representative to emergency closure sites in the Kingston area.
4. Digitize NV mines outlines for NV point and site analysis, includes updating SOSA on the 610 sites that have been consumed by mine.
5. Attended the UNR job fair and collected the names of 16 potential interns.
6. Attended the NAAML P meeting in West Virginia.

AML/Fluid Minerals Field Specialist (Peter Engh):

1. Attended TOPCORP training in Pittsburgh, Pennsylvania.
2. Attended the NAAML P 2024 conference in Davis, West Virginia
 - a. Attended talks on efficacy of BCC closures and Wildlife surveys that pertain to Nevada AML
 - b. Networked with other state AML programs
3. Processed data requests for Nexus.
4. Completed the IMCC Survey for Nevada.
5. Enrolled in the TOPCORP Geothermal Basics course.
6. Prepared the first round AML mailout documents for claimants.
7. Organized travel to Las Vegas to finish AML closures that were filmed for the Smithsonian TV show.

Fluid Minerals Program Manager (Dustin Holcomb):

1. Worked with the Fluid Minerals Program Officer to ensure that the invoices issued by the agency referenced the correct NACs.
2. Continue building templates to standardize the response to permits and sundries.
3. Meet with the BLM on the monthly permit coordination meeting.
4. Continue efforts to organize the drilling bond database.
5. Plan for the Geothermal Rising Conference in HI.
6. Respond to several inquiries regarding geothermal and DMRE activities.
7. Process 2 geothermal sundry.
8. Issue 9 Geothermal Resource Development Well Permits.
9. Adjudicate 4 DMRE Borehole NOIs.
10. Finalize edits on the NDEP-NDOM Interlocal Contract.
11. Held meeting with geothermal operators at NDEP's office to review the revised Interlocal Contract.
12. Attend the NPGS monthly meeting.
13. Participate in the State Water Plan Workshop at the NDWR Office.

FY 2025 Well Inspections					
	Total # of Wells	# Wells Needed for FY25 (1/3 of total)	Wells Inspected this month	# of Wells Inspected in FY25	Wells Remaining
Geothermal	491	164	0	39	125
Oil	122	41	0	0	41
Totals	613	205	0	39	166

Project Manager (Keith Hayes):

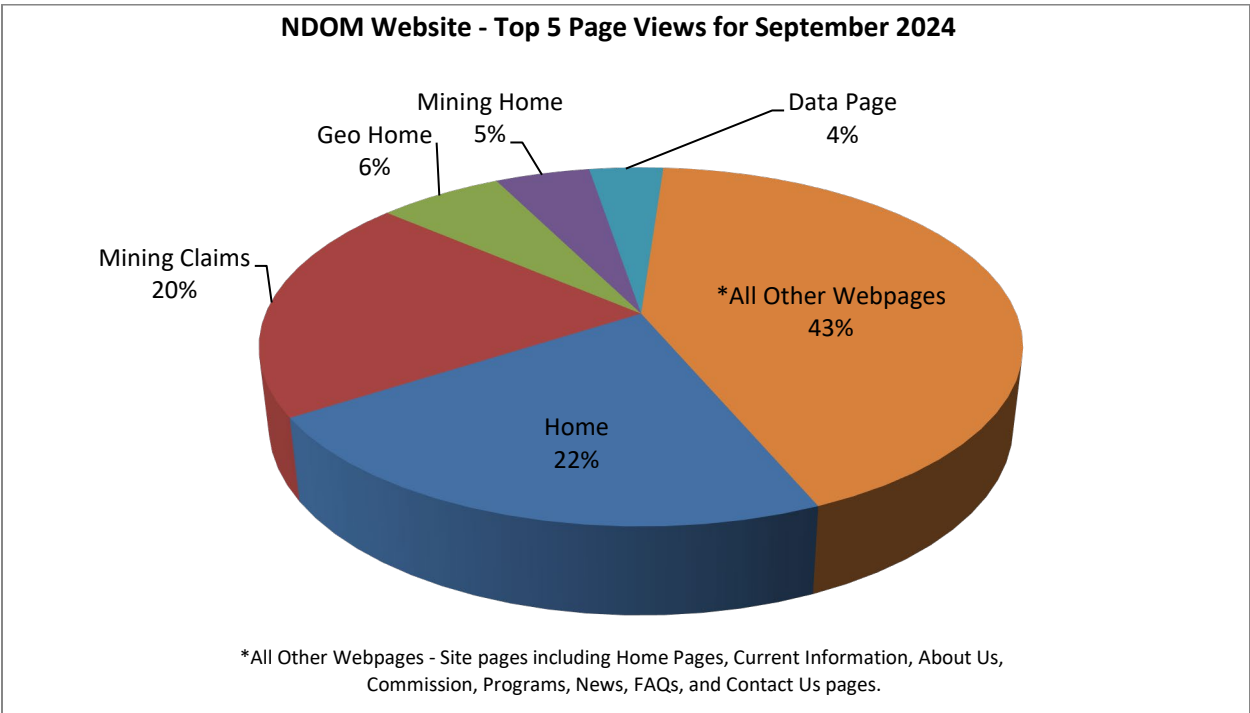
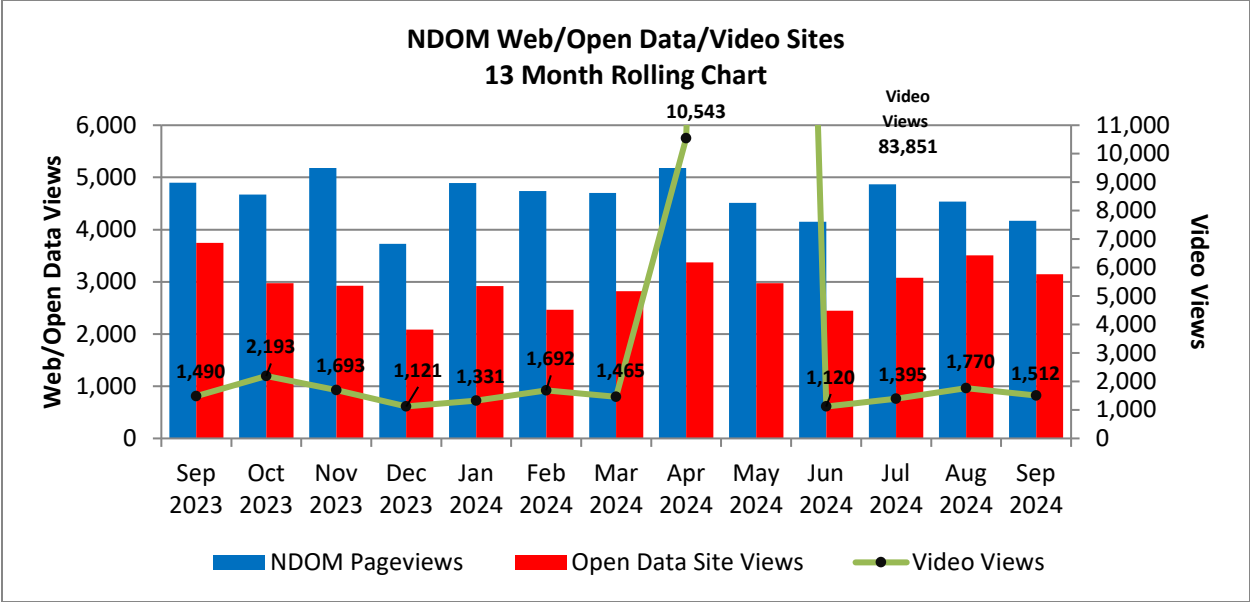
1. Attended RAMS Database Monthly Meeting (9/3)
2. Received final draft of new display banners from Estipona Group (9/3)
3. Ordered 1000 NDOM logo stickers from 4M (9/3)
4. Reviewed/Approved 10 DMRE Well permits (9/4)
5. Ordered banners (designed by Estipona Group) from Skyline (9/6)
6. Ordered 5000 AML stickers from 4M (9/9)
7. Attended Education Committee Meeting to discuss Workshop planning (9/10)
8. Received a first version of the children's AML brochure from Estipona Group and reviewed with Garrett W. and Sean D. (9/11)
9. Created a conference prep packet for the NDOM and GOED staff attending MINExpo that included information on the Las Vegas Monorail system, parking information, booth location and floor map, weather, points of interest near the Las Vegas Convention Center, contact information for all NDOM and GOED attendees, and information on networking events and sent to all NDOM and GOED attendees (9/13)
10. Met with Matt D. (NDEP-BMRR) and Carol S. to discuss our presentation at Walker ES (Henderson, NV) regarding minerals, mining, abandoned mines (SOSA), evaporation ponds, and mining careers (9/18)
11. Taught a rocks and minerals class to 30 fourth grade students at Van Gorder ES (Sparks, NV) (9/19)
12. Drove 2017 Dodge Ram from NDOM Carson City office to Las Vegas Office (9/22)

13. Gave a presentation to 105 students and faculty at Walker ES (Henderson, NV) with Matt D. (NDEP-BMRR) and Carol S. Topics discussed were minerals, mining, abandoned mines (SOSA), evaporation ponds, and mining careers (9/23)
14. Attended MINExpo International 2024 at the Las Vegas Convention Center (9/24-9/26)

AML/Public Outreach and Education – Southern Nevada Field Specialist (Carol Shelton):

1. Prepared detailed lesson plan format for use with the online All About Mining. This allows for clear expectations for the teachers who take the course.
2. Hosted the All About Mining live sync kick-off meeting.
3. Developed final Active list from those who were interested in attending the Fall All About Mining online class, notified attendees they were in the course, and updated the live sync presentation with new requirements from the CCSD PLE office.
4. Presented at Priest ES on mining, mineral, and AML. Conducted 5 sessions with approximately 125 students.
5. Presented at Virgin Valley HS on mining, minerals, careers and AML. Conducted 3 sessions for approximately 50 students.
6. Presented at Tarr ES on mining, minerals, and AML. Conducted 4 sessions with approximately 120 students.
7. Presented to the GATE classes at Hoggard ES on mining, minerals, mining in Nevada, and AML to two classes with 24 students.
8. Presented at Walker ES with Keith Hayes and Matt Donaldson with NDEP at Walker ES to approximately 100 students. Topics included evaporation ponds, mining, minerals, and AML.
9. Worked on an 80-minute presentation which will be given at Tarkanian MS next month.

Period	NDOM Website Pageviews	NDOM Website Top 5 Pageviews	NDOM Open Data Site Views	NDOM Video Views
Sep 2024	4,168	Home, Mining Claims, Geo Home, Mining Home, and Data webpage	3,147	1,512
Sept 2023- Sept 2024	60,229		38,464	111,176



Top Visitors		
Sep-2024	Country	United States, Canada, India, Australia, and China
	State	Nevada, California, Virginia, Washington, and Texas
	City	(unknown), Las Vegas, Reno, Los Angeles, and San Jose

	<u>Video Views in September 2024</u>	<u>Top 5 Video Views</u>	<u>Dist Learn Trkr # of Classes</u>	<u>No. NV 45%</u>	<u>So. NV 55%</u>
Without Jimmy King Videos	1,413	1. Mining in Nevada - 18:22 mins. (both videos); 2. The Basics of Mineral Identification; 3. Ore Deposits an Overview; 4. Weathering & Erosion Part 1; and 5. NDOM Reclamation Awards 2024.	57	26	31
With Jimmy King Videos	1,512	1. Mining in Nevada - 18:22 mins. (both videos); 2. The Basics of Mineral Identification; 3. Ore Deposits an Overview; 4. Weathering & Erosion Part 1; and 5. NDOM Reclamation Awards 2024.	60	27	33

****Video views for Jimmy King KOBİ are from the NDOM YouTube site only****

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