

Commission on Mineral Resources Nevada Division of Minerals



Mission: To encourage and assist in the responsible exploration for and the production of minerals, oil, gas, and geothermal energy which are economically beneficial to the State; to provide for public safety by identifying, ranking and securing dangerous conditions at mines that are no longer operating; and to collect and disseminate information on mineral exploration, production and other related topics.

Abandoned Mine Lands Public Safety Program

Inventory, rank and mitigate physical hazards associated with abandoned mines



Program Partners:

- U.S. Bureau of Land Management
- Nevada Department of Wildlife
- U.S. Forest Service
- Nevada Division of Environmental Protection
- State Historic Preservation Office
- Clark County
- Nevada Division of State Parks



130,000+

historic mining features cataloged

23,500+

individual sites cataloged

>80%

of known hazards safeguarded or secured

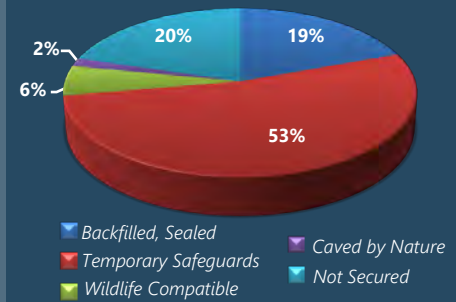
2019

national AML hard rock reclamation award winner

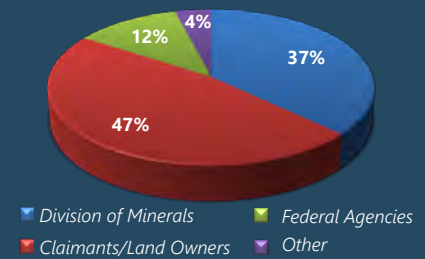
100%

funded by mining-claim fees and assistance agreements

Types of securings



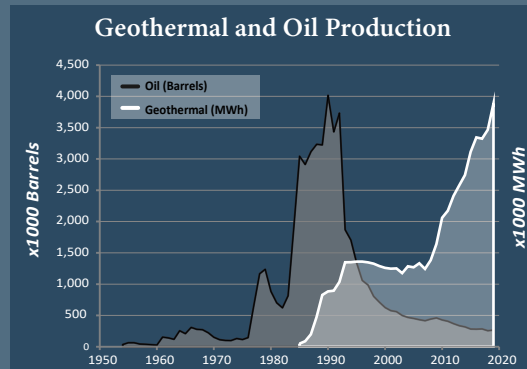
Securing Agency/Party



Fluid Mineral Resources

Permit and inspect oil and gas wells, geothermal wells and dissolved mineral exploration wells

- Ensures adequate construction and design of wells to protect natural resources and prevent ground- water contamination.
- Conducts regular inspections of all geothermal, oil and gas wells throughout the state.
- Ensures safety of operators by enforcing design standards of wells and testing of equipment when necessary.
- Developed comprehensive hydraulic fracturing regulations, as part of Nevada's dual permitting process on Federal lands, in 2014.
- Spearheaded the development of new regulations for dissolved mineral resource (lithium) exploration, in 2017.



>3.9 million MWh

of geothermal-generated electrical production sold in 2019

250,000

homes potentially powered by Nevada's geothermal energy production each year

2nd

largest geothermal energy producer in the U.S.

455

industrial & commercial permitted geothermal wells, in Nevada

25

geothermal plants and 5 commercial heating and utility districts

121

permitted oil/gas wells and 1 oil refinery, in Nevada

15

lithium brine exploration wells and boreholes drilled under new regulations

Education and Outreach

Educate on mineral use and production, dangers of abandoned mines, and more

2020

by the numbers

>65

individual presentations

13,903+

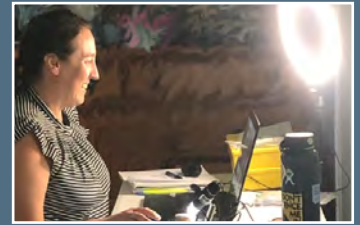
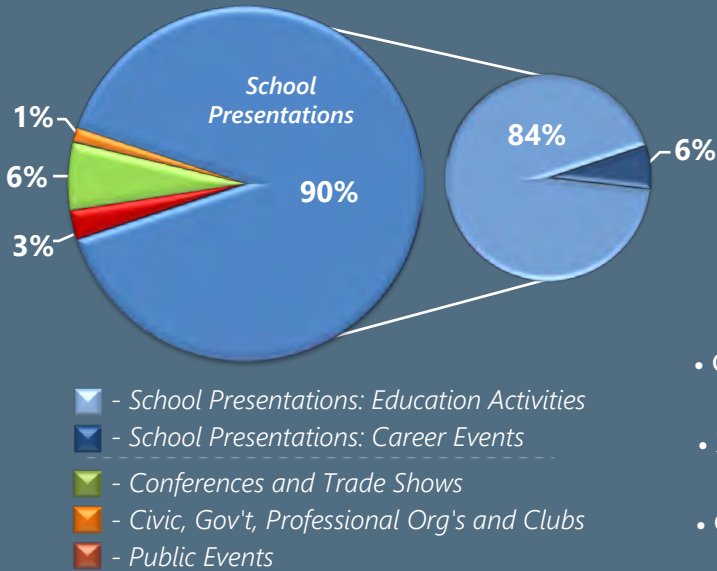
attendance at events and presentations

151+

live virtual classroom presentations

16

distance learning videos available



Audiences

- Classroom presentations and activities
- Conferences, trade shows, and other industry events
- Mineral policy recommendations to Governor and Legislature
- Civic groups, clubs and professional organizations
- Distance learning videos and live virtual presentations

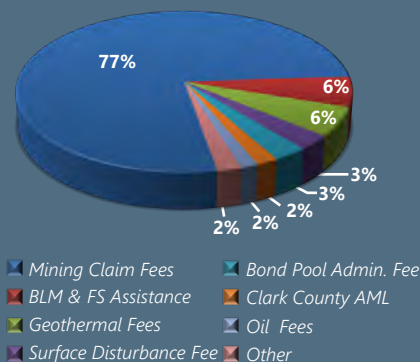
Presentations and videos available at minerals.nv.gov



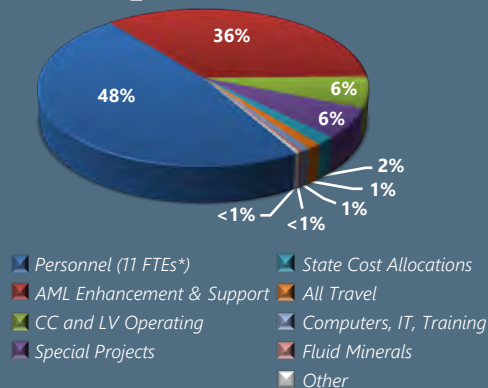
Annual Reports and Other Functions

Maps, data and other information available at: <http://data-ndom.opendata.arcgis.com/>

Revenues



Expenditures



Fiscal Year 2019 amounts, *FTEs = Full Time Employees

Reclamation Bond Pool

- The Nevada Reclamation Performance Bond Pool is designed to expedite the time-frame for obtaining a reclamation bond for notice-level exploration projects; projects that have proposed surface disturbance on BLM-managed lands totaling no more than 5 acres.
- The Bond Pool provides bonds for about 1/3 of all the notice-level projects in Nevada.
- For larger projects, Plans of Operation permitted by BLM and/or NDEP, the Bond Pool is designed to reduce the initial financial burden needed to satisfy the bond/surety requirements of the reclamation permit.

Publications Supported or Produced by the Division include:

- Annual Abandoned Mine Lands Report
- Annual Major Mines of Nevada Report
- Annual Mineral Industry Report
- Technical Reports

Nevada Revised Statutes

NRS 513 - *Commission on Mineral Resources*

NRS 517 - *Mining Claims, Mill Sites and Tunnel Rights*

NRS 519A.290 - *Reclamation Bond Pool*

NRS 522 - *Oil and Gas*

NRS 534A - *Geothermal Resources*

NRS 534B - *Dissolved Mineral Resources*

Northern Nevada Office

Mike Visher - Administrator

Courtney Brailo - Field Specialist

Sean Derby - AML Hazard Program Manager

Robert Ghiglieri - Deputy Administrator

Valerie Kneefel - Program Officer II

Cortney Luxford - Fluid Minerals Program Manager

Sherrie Nuckolls - Administrative Assistant IV

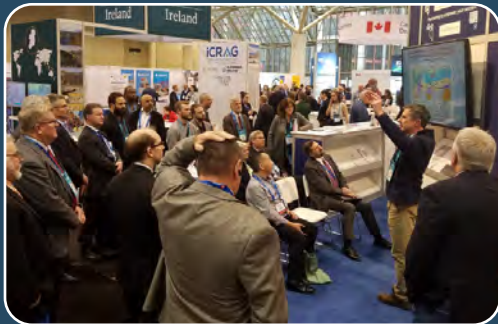
Lucia Patterson - GIS / Field Specialist

Southern Nevada Office

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Garrett Wake - Southern Operations Manager



Commission on Mineral Resources

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Nigel Bain, Large-Scale Mining

Robert Felder, Exploration and Development

Randy Griffin, Small-Scale Mining and Prospecting

Arthur Henderson, Oil and Gas

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