I. AGENDA

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/

STEVE SISOLAK
Governor

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

MICHAEL VISHER
Administrator

COMMISSION ON MINERAL RESOURCES
Nevada Division of Minerals
The Historic Fourth Ward School
537 South "C" Street, Virginia City, NV 89440

Join from a PC, Mac, iPad, iPhone or Android devise: Please click this URL to join,
https://us02web.zoom.us/j/9712825638

Pursuant to Governor Sisolak's March 22, 2020, Declaration of Emergency Directive 006, Directive 018 (5/7/2020), Directive 021 (5/28/2020), Directive 026 (6/29/2020), and Directive 029 (7/31/2020) the requirement contained in NRS 241.023(1)(b) that there be a physical location designated for meetings of public bodies where members of the public are permitted to attend and participate is suspended in order to mitigate the possible exposure or transmission of COVID-19 (Corona Virus). Accordingly, The Commission on Mineral Resources meeting will be held electronically. Details on how to participate in the meetings are detailed above.

Thursday, September 17, 2020 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 NRS requirement.

ROLL CALL

PLEDGE OF ALLEGIANCE

COMMENTS BY THE GENERAL PUBLIC

Pursuant to N.R.S. 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 July 9, 2020 minutes **FOR POSSIBLE ACTION**

III. NEW BUSINESS

A. 2019 Nevada Mineral, Oil, and Geothermal Production **FOR DISCUSSION ONLY**

A presentation on calendar year 2019 mineral production in the State will be provided. Mike Visher

B. Nevada Legislature Special Session I and II **FOR POSSIBLE ACTION**
A review will be provided of the outcomes, as they relate to the agency and mineral industry, from the two recent special sessions of the Nevada Legislature.
Mike Visher

C. Agency Education and Outreach in the New Normal **FOR DISCUSSION ONLY**
The many COVID-19 related restrictions have disrupted the agency's normal education and outreach opportunities. A presentation will be provided illustrating how the agency is motivated to maintain its messaging. Becky Ely

IV. OLD BUSINESS

A. Presentation of agency submitted budget for Fiscal Years 2022/2023 **FOR DISCUSSION ONLY**
The agency's biennial budget for FY22/23 was submitted in to the Governor's Finance Office via the Nevada Executive Budget System (NEBS) on September 1st. A review of the preparation and submission process incorporating the CMR recommendations will be provided. Valerie Kneefel and Mike Visher

B. Fluid Minerals Activity Update **FOR DISCUSSION ONLY**
An update will be provided on oil, gas, geothermal, and dissolved mineral resource exploration permitting, production and well inspections in fiscal year 20 and a review of current activities. Lowell Price

C. AML Program Update **FOR DISCUSSION ONLY**
A summary overview will be provided of the AML inventory and securing efforts conducted this summer by staff, interns, and contractors as well as field efforts planned for the remainder of the year. Sean Derby/Rob Ghiglieri

D. Las Vegas Natural History Museum Exhibit Update **FOR DISCUSSION ONLY**
A progress report will be provided on the rock and minerals exhibit being designed and constructed for the Las Vegas Natural History Museum by staff and contractor 3saurus LLC. Garrett Wake

COMMISSION BUSINESS

A. Review of staff monthly activity reports **FOR DISCUSSION ONLY**
B. Set date for next Commission meeting. **FOR DISCUSSION ONLY**

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ADJOURNMENT

NOTICE TO PERSONS WITH DISABILITIES

Members of the public who are disabled and require special accommodations or assistance at the meeting are requested to notify the Division of Minerals, 400 W. King Street, Suite 106, Carson City, NV 89703 or contact Sherrie Nuckolls at (775) 684-7043 or Email SNuckolls@minerals.nv.gov
The Commission will be attending a field trip on Thursday, 9/17/20 to the Forman Shaft and the Fourth Ward School. The Commission will meet at the Fourth Ward School at 10:30 AM. Members of the public may attend but must provide their own transportation and safety equipment. Advanced notification is required. Please call Sherrie Nuckolls at (775) 684-7043.

LIST OF POSTING LOCATIONS

Minerals.nv.gov (Division of Minerals Website)

Notice.nv.gov (Nevada Public Notice)

Additional Notice

Items on this agenda may be taken in a different order than listed. Two or more agenda items may be combined for consideration. An item may be removed from this agenda or discussion relating to an item on this agenda may be delayed at any time. Public comment is time restricted to five minutes per speaker. No comment shall be restricted based on viewpoint.

Supporting Materials

Notice of this meeting and supporting materials are available for inspection at 400 W. King. St., Suite 106, Carson City, NV 89703 or contact Sherrie Nuckolls at (775) 684-7043 or Email SNuckolls@minerals.nv.gov

II. MINUTES

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MICHAEL VISHER
Administrator

Thursday, July 9, 2020 1:00 P.M.

MINUTES

CALL TO ORDER
1:05 PM by Richard DeLong

Richard DeLong: Stated we're in a different location this time and we have some logistical issues both short term and a little more intermediate term. First are the masks, my suggestion is to follow what the Legislature is doing by keeping your masks on unless you're speaking so we can all hear your enunciations to get a clear recording as well as so the individuals on the phone should be able to hear us. We have people on the phone, we don't have our standard recording device so we have a couple of cell phones around which hopefully capture everyone's voice.

Commission	Staff	Public
Richard DeLong	Mike Visher	John Muntean, NBMG
Art Henderson	Sherrie Nuckolls	Rachel Micander, NBMG
Josh Nordquist	Sean Derby	
Bob Felder	Rob Ghiglieri	
Randy Griffin via Teleconference	Lucia Patterson	
Nigel Bain	Lowell Price	
Mary Korpi	Garrett Wake via Teleconference	
	Anthony Walsh, DAG via Teleconference	

PLEDGE OF ALLEGIANCE
Led by Richard DeLong

COMMENTS BY THE GENERAL PUBLIC
Nigel Bain: Asked who the other person on the phone is.
Rich DeLong: Replied Anthony Walsh, our DAG.

Rich DeLong: Due to time constraints regarding the room, the Governor has indicated he needs the room at 4:30 pm; we will need to be done by at 4:10 pm in order for the appropriate sanitization activities to occur before he arrives. With that in mind we will rearrange the agenda and start with items I, II and III A, then switch the order of the entire agenda from IV C back to III D in reverse order to make sure we go through the action items first. If discussion items are missed during the timeframe of this meeting, we'll revisit those at the next meeting.

I. AGENDA
A. Approval of the Agenda

Motion to approve the amended agenda made by: Josh Nordquist
Seconded by: Bob Felder

Unanimously approved

II. MINUTES

A. Approval of the March 19, 2020 special meeting minutes

Motion to approve the agenda made by: Josh Nordquist
Seconded by: Bob Felder
Mary Korpi: I'll abstain because I was not at the meeting.
Approved by 6 Ayes and 1 abstention

III. NEW BUSINESS

III. A. Introduction of New Agency Staff and Position Assignments

Mike Visher thanked everyone for coming to the meeting and for his recent appointment to Administrator. He went through the hiring process to fill his former position, Deputy Administrator and the Chief of AML position. Rob Ghiglieri was selected as Deputy Administrator and Sean Derby as Chief of AML. Mike introduced Sean and asked him to tell a little about himself.
Sean Derby: Gave a brief description of his background.
Rich DeLong: Welcomed Sean to the Division and congratulated both Mike and Rob.

IV. OLD BUSINESS

IV. C. AME Roundup Conference Exhibit

Mike Visher provided a PowerPoint presentation regarding his experience when he attended the AME Roundup Conference in January 2020 in Vancouver, BC which included fact findings, exhibit hall map, a list of exhibitors, pictures of several different booths, estimated exhibit expenditure report, and a budget estimate proposal to send 2 staff members for 2021.
Rich DeLong: Asked for Bob Felder's opinion on AME Roundup since he is the Exploration Commissioner
Bob Felder: I think being present at AME is important for the Division. AME is much more focused on a company's exploration side rather than their business side, whereas PDAC is much more an investment conference. PDAC is also an investor and a supplier conference. I think our presence there at AME is important and I'm very supportive of it.
Rich DeLong: I attend the AME conference regularly and for the industry I think it's a very useful conference, particularly with all the interest in Nevada, it's good exposure for the state.
Josh Nordquist: What's the history behind the Nevada Explorers' Lounge?
Mike Visher: Mike explained what he was envisioning for the Division, which would be a 10' x 10' space and that would be all. The Division would not be a part of the Nevada Explorers' Lounge and the Division's booth would be able to provide information centered on Nevada. The Division still can provide information from the Bureau of Mines and Geology like it currently does. Quite a while ago, the Explorers' Lounge had a room on the main floor but they were relocated to the second floor, and there was never an opportunity to move back to the main floor. The main floor rooms were repurposed for meetings and special sessions instead. Mike believes that Dave Shaddrick really likes having a big room where various entities and companies can be provided a space to conduct business whether it's for GSN to sell books or a company to market their properties. It's a way for multiple Nevada companies to conduct business cheaply because they're not paying for space on the exhibit floor. Unfortunately they don't get any walk-in traffic unless they're bringing them in the room for a private discussion. There is coffee available and people make themselves available to that. It is a place for people of Nevada to put all of their supplies for the day, so it becomes a closet behind the curtains. It becomes a home base for some of the exploration community that doesn't have a robust presence or enough capital to be able to afford the larger floor space, or a core shack.
Bob Felder: The only downside is having two separate Nevada entities in one conference it may confuse some people, but there's not much choice in that matter at this point. There is the Explorer's Lounge, where every Nevada entity is represented there: GSN, NBMG, BLM, and others where a lot of them trying to achieve a lot of different purposes all at once. Creating a second space has its positives. The Division can give our message and be able to point people to the Nevada Explorers' Lounge as well. Did they tell you how long the waiting list is and what it takes to get on it?

Mike Visher: The AME representative indicated that they did not expect it to be a problem to get a 10' x 10' space this year.
Bob Felder: Another approach to a larger space on the main floor would be to get two 10' x 10' next to each other.
Mike Visher: You have to be there a while to establish a bigger booth space. This is a possible action item, but you may want to defer on that until after the financial update to decide that's something you want to do.
Rich DeLong: That makes sense to me, any additional discussion on this item? We'll revisit it after the budget discussion.
Bob Felder: What's the M&IE for $140.00?
Mike Visher: That's the meals and incidental expenses, the maximum allowed per diem, those are based on the Secretary of State who establishes the rate for the destination.
Rich DeLong: What was the acronym?
Mike Visher: M&IE stands for meals and incidental expenses.

IV. B. Contracted Closure Work Options

Rob Ghiglieri provided a PowerPoint presentation with an update of current ongoing abandoned mine work. The presentation included present-day statistics, 2020 contracted work, USACE RAMS database update, contracted work forecast, contracting budget, current partnerships/agreements, and an update on the Stay Out, Stay Alive video remake.
Rich DeLong: Asked what month in 2021 does the BLM contract expire.
Rob Ghiglieri: I believe it expires in June 2021. Discussions with the BLM on renewing the Grant or creating a contract instead have already taken place.
Nigel Bain: Asked regarding the metal structures, are they engineered structures?
Rob Ghiglieri: No, they're not engineered structures, some states go with engineered structures and they're the same designs we use with Bat Conservation International (BCI). BCI is a group that has a standard design of these gates and we mimicked our designs off of those. To have an engineered design it would increase the cost and most of these are built to fit on site.
Nigel Bain: Is there a chance that some could drive their vehicle on top of them?
Rob Ghiglieri: Yes, that can be an issue. This is especially an issue on projects such as the Broken Hills project where the grates are flat on the surface. With those situations, we try to leave the fences up around the grates to try to remove that possibility. With this project (Walker River State Park) due to the proximity of potential sage grouse in the nearby Mount Grant area, we were asked by the BLM to remove all fencing for all of these sites. We know that it has happened, we've weighed the pros and cons of engineered design on all these but it will more than double the cost of each project, as well as, we haven't seen any of these fail, minus people actually cutting into them with torches.
Nigel Bain: I was just wondering if... (garbled).
Rob Ghiglieri: At the Forman Shaft in Virginia City, currently our contractor is working with an engineering company for an engineered design; the Combination Shaft closure had engineering design. So for sites that have a higher public interaction or are larger and more complicated, we would then use an engineered design.
Nigel Bain: With the drone, is there a chance that we're rushing through and not really looking at some of the sites?
Rob Ghiglieri: No, with the drone we're able to cover areas much faster. In the past, there would be a standard line of prospects or NV points as we call them and we knew 99% of the points were dozer cuts. That line may go 2 miles in one direction then you would turn around and go 2 miles back to the beginning. Now we can park in the middle fly the drone, confirm it and move to the next site. Anytime we use a drone and see something that we can't determine with the drone, we get out and walk to that site. Courtney is currently working on new software so we can pre-program our flights so it will fly to each point, pause, fly around it, and then move on to the next site. We're not trying to rush our work; we are just able to cover more ground.
Rob also provided an update on the NAAMLP conference.

IV. A. NBMG Project Update

John Muntean with the Nevada Bureau of Mines and Geology gave a PowerPoint presentation on their recent work which included a Summary of FY20 and FY21 projects: the Mineral Industry report, Major Mines report, Sample Curation, July 2019 to June 2020 Activities, GBSSRL Digital Curation, NBMG, State, National and International impacts, GBSSRL Website Visitation, and the Geothermal Structural Inventory Project.

III. NEW BUSINESS

III. E. 2020-2021 Budget Forecast and 2022-2023 Biennial Budget Planning

Mike Visher went over a PowerPoint presentation which included the Fiscal Year 2020 Forecast, Reserve Balance, Mining Claim Fee Revenue, FY20-FY23 Mining Claim Revenue Forecast, Financial Forecasts through FY23, Budgets and Forecasts FY20 through FY23, Budget Enhancements for Consideration, Enhancement Impacts and CMR Guidance on Expenditures.

OPTIONAL AML PROGRAM ENHANCEMENTS

A. Utility Terrain Vehicle (UTV) and trailer
B. Contract for Clark County Revisit/Repairs
C. Enhance ArcGIS Capabilities
D. Contract Hard Closure Site Geologic Analysis
E. Contract Archaeological Surveys

Mike asked for the Commission's guidance on Contracted AML, NBMG contract, PDAC, NvMA Education Committee, new proposals including AME Roundup and AML enhancements today so he can plan appropriately for the FY22-23 biennium budget.

Rich DeLong: In Rob's presentation he has a $242,000 amount above the $500,000 in the budget for FY21, I'm assuming that's built into your base budget.

Mike Visher: Yes, $742,000.

Rich DeLong: You had mentioned $103,000 that was being carried forward as far as expenses.

Mike Visher: Right, from FY20 to FY21 for projects not completed in FY20 and that is reflected in the base.

Josh Nordquist: Mike, which budget/category do you put your vehicles in?

Mike Visher: The vehicles are under Category 18. At the time we purchased the 2015 GMC we did not have a dedicated category for the fluid minerals program. When Lowell's truck comes up for replacement it will now come from Category 17, all the other vehicles are generally used solely for AML but not exclusively, they may be used for education and outreach. We do have a Yukon that's not used for AML much, so that expense can either come out of AML or Category 04 (Carson Office expenses).

Josh Nordquist: We do not have a lot of software costs?

Mike Visher: We do not, the cost for the maintenance for ESRI ArcGIS would go to Category 18 as well. Category 26 is mostly used for computer hardware replacement and the software that's used agency wide. I've included the $12,000 for the new EITS costs in category 26.

Josh Nordquist: Where does the more expensive software like ArcGIS go?

Mike Visher: Category 18

Rich DeLong: Do all of our pickups have trailer hitches?

Mike Visher: Yes.

Bob Felder: How much detail do you go into on estimating the AML enhancements, in particular the cultural surveys and geologic analysis?

Mike Visher: Mike explained the criteria that were used to make the estimated costs per site for the cultural surveys. The reason was that for the most part our hard closure projects are considered by BLM for Categorical Exclusions, they are not Environmental Assessments. The number we got from the archeologist today was $35,000 for an EA type assessment, if it's just a CX it's going to be considerably less due to the reporting requirements. So the numbers that we got from BLM were for the Walker River State Park cultural analysis and that used their group from Medford, Oregon.

Rob Ghiglieri: The work by the Medford group was for 102 sites at Walker River with a cost of a little over $16,000

Mike Visher: Then we used the per site basis for our estimates.

Rob Ghiglieri: With the AML cultural survey we're able to decrease costs because the archeologists are focused on the individual hole in the ground and only 15-20 feet around it. The surveys are very point specific.

Rich DeLong: The thing you might want to dig into on that issue if you do start contracting it out rather than having the agency people do the work, is those contractors are under specific permits with the BLM which means they have to meet the MOU with SHPO as far as field work contact and report contacts which is a lot more than you're talking about

Rob. I also question that number it seems exceedingly low. When Margo said EA vs. CX that's a NEPA (National Environmental Policy Act) analysis not a cultural analysis, Section 106 of the National Historic Preservation Act and that's what the contractors have to follow.
Rob Ghiglieri: With the CX's that work with AML, the Archeologist is only looking to see if that feature meets the standards that fall under Section 106 or not.
Rich DeLong: And that is the agency archeologists can do that, the question is will BLM let a contracted archeologist who has a permit do that, that's the question I have. The geology one is $333 a site for that geologic analysis.
Bob Felder: I would suggest having some more details on that enhancement.
Mike Visher: Mike explained the criteria he used to come up with the $333 cost per site. He assumed an annual salary of $80,000 (part-time), per diem rate of $149 a day, based on the GSA CONUS rate, mileage reimbursement rate, average daily miles, estimated from the intern's typical travel, and then sites per day. Mike evaluated for 4, 5 or 6 sites a day, and included time for literature review sites per day, data entry, assay cost, and samples per site. Estimating how many samples needed per site was complex but an estimate of three samples to characterize a site was used resulting in the analytical cost of $150 per site. So the total analysis cost per site is $333, which is 10% of the hard closure costs per site. At 150 sites a year, that is $49,800. We can cap the contract by including a not to exceed amount in the RFP and put it out there to see what people are willing to do. It does not preclude them from keeping the information themselves, as long as they get us the deliverables. So if it was someone who was semi-retired who was looking to get out into the field, he believes that someone would do it for that cost. It's really to just mitigate the concerns with AML closures and losing the geologic context of that site. Mike continued to explain the reasoning for why this would benefit the exploration community and that it can now be hosted on the Bureau's new Mineral Explorer Database.
Art Henderson: Art asked Mike how he came up with $150,000 in the end-of-year reserve amounts with the enhancements. For example when you go with A, B, C and then A, B, C, D that's a $150,000 difference but by itself, it's only $50,000. How did you come up with $150,000?
Mike Visher: That's because the annual costs, if we started in FY21 it would be $50,000 each year so it would be $150,000 for all three. If we implemented D and started that in FY21 it would be $50,000 each year so the impact alone would be $150,000
Art Henderson: So E is the same?
Mike Visher: I did that arbitrarily for only two years to lessen the bottleneck of the AML closures. These are discrete bites of the budget that do not require ongoing commitments.
Mary Korpi: Regarding personnel, is furlough only for FY21 is that what the Governor's direction has been?
Mike Visher: Correct, and that's subject to change at the special session but that was the proposal, equates to a $51,000,000 expenditure savings to the state but because we don't receive any General Fund money our savings is not part of that.
Nigel Bain: We are in a difficult position on what we are going to do. The Division is a unique case where they are self-funded and the legislature could consider the Division as a profit source. I would educate them on how the Division operates.
Mike Visher: Mike stated he has spent a lot of time talking with the Division's budget officer to make sure there wasn't any interest in taking any of the Division's reserve money. They were also very aware of making an impact to an agency with just 11 people, which has huge implications and is much different than larger agencies. Crossing the line to take money from a fee funded agency directly impacts that agency's ability to do what they have to do for their stakeholders and regulatory requirements. We're encouraged to stay true to the Division's statutory requirements in expenditures. This is why we focused the funding on AML because it's our biggest statutory requirement and it's a good public safety message that the Legislature loves to hear about. The Legislators know about the successes that the Division has had in Clark County and they see the Division as one of the good guys getting stuff done that doesn't cost general fund money. They see it as those who participated in the industry, although they did not create these hazards, they see it as legacy issue that gives them the social license to operate and is a win-win for them. I was very concerned about whether or not there was going to be a sweep. To refresh everyone's memory, they took all the interest ever earned in the two bond pool accounts. We have one for the Reclamation Bond Pool and we have one for Oil, Gas and Geothermal. The legislature swept all of the interest from those which was about $650,000. By sweeping the accounts, it took away from the functionality of the bond pool.

Nigel Bain: Good points. We are not sure where the legislature is going to go, just be aware. The Governor has already reached out to the mining industry.
Mike Visher: Mike explained that the Governor has had discussions with the Mining industry on accelerating the Net Proceeds on Minerals which is roughly $51,000,000. The Governor is counting on the mining industry to contribute and those discussions were held last week. Everybody wants the money now but that means it's coming from some place in the future and you won't get the money then.
Nigel Bain: (Garbled)
Rich DeLong: My takeaway from this is you're looking for your first four bullet items, not necessarily a vote but our thoughts on it?
Mike Visher: I would like some guidance so we can include it as documentation in our budget to say our Commission approved us to continue these expenditures.
Rich DeLong: You do want a vote then?
Mike Visher: Yes, I would like there to be a vote.
Rich DeLong: I would suggest to the Commissioners that we consider the first four bullet items as a whole, all four at once rather than individually. I'd like some input on the next two bullet items which are the new proposals at some degree. I think they should be individual votes though I'd like to hear what you think about A,B,C,D,E beyond what Bob Felder and I have already previously discussed.
Mike Visher: To clarify one thing, if you'd like us to start something in FY21 from these options, then that becomes an ongoing cost and justification for FY22 and FY23, but if you want it to start in FY22 or FY 23 then say so, then that is separated and it becomes an individual item in the budget.
Art Henderson: On the AML you originally had $500,000 budgeted but in FY20 you increased it to $735,000?
Mike Visher: It was to increase it up to $650,000, which we did but because of the hard closure projects we had more to push in the pipeline. We had to increase that through a work program and once we had a contract extension.
Art Henderson: So the base stays at $650,000?
Mike Visher: The base stays at $650,000 if you would like it to stay at $650,000.
Art Henderson: It could go to $735,000?
Mike Visher: It could, yes.
Art Henderson: We could take the $735,000 for FY 22 and FY23?
Mike Visher: You could.
Art Henderson: What's your suggestion, wouldn't it be better to increase it to $735,000?
Rich DeLong: That would then take the reserve to 1.1 million.
Art Henderson: By having $130,000 more it would only reduce the reserve by $260,000
Mike Visher: If you look at the top table what happened was the base case instead of $1,694,910 it would drop by $170,000.
Rich DeLong: Correct, to $1,500,000 and if everything else is implemented it would end up in $1,100,000 in FY 23.
Mike Visher: It's certainly something we could do Art.
Art Henderson: The AML program is the most important expenditure I think we have.
Mike Visher: Yes.
Art Henderson: And easiest to justify.
Mike Visher: It is.
Art Henderson: Rich, you wanted to vote on A, B, C?
Rich DeLong: My suggestion is we can vote on these individually or all together, whatever you guys are interested in. If we vote for all of these it's basically a continuation of our base case.
Art Henderson: I would like to hear some options on this to increase it from $650,000 to $735,000. I'd like to see if anybody has opinions or think it's a good idea.
Mary Korpi: If we approved the enhancements, aren't those going to allow us to increase AML work? If you look at the culture surveys they're going to be done, so we're going to be able to have more closure work done faster than we anticipate now. A lot of these options are going to allow us to up closures to $750k or $740k.
Mike Visher: They are coupled. It's going to depend on whether or not BLM will continue to count on the Medford crew or not.

Rich DeLong: Maybe another way of what you're saying is to approve D and E that takes the AML effectively up to $750 anyway.
Mary Korpi: Yes, exactly.
Art Henderson: That does not get more closures done per year.
Rich DeLong: Some of it doesn't I agree; such as the $50,000 for the geological analysis. But the $50,000 for the cultural may get more done within the existing budget because of the potential bottle neck on archeology. Is that a fair way of saying that?
Mike Visher: It speeds up the timeframe but not the actual expenditure because the cost to close AML is the cost to close. Depending on the timing, if the CX approval comes sooner but we are limited by the amount of funding available.
Rich DeLong: The $50,000 for the archeology ensures our ability to spend $650,000 in a given year.
Mike Visher: The sooner we start that the better we'll be in FY22 and FY23. If you wanted to increase the expenditure of hard closures for FY22 and FY23 I think you'd want to increase or add option E in FY21.
Josh Nordquist: We have the funds available to achieve the Divisions goals and we should set a plan forward to reach those goals.
Mike Visher: Another way we can look at this is to defer doing option B until FY22 and then we do a work program to include it and that defers spending $150,000 through FY23 that would provide more comfort right now and something to revisit at a later date and that doesn't directly impact the amount of closures that we do.
Rich DeLong: Art has thrown out this concept potentially increasing the amount of hard closures we potentially fund by $170,000-$180,000 over this next fiscal period which takes us below 1.2. Deferring D allows us to stay closer to the 1.2 is another way to look at that. By still implementing what Art is saying go to $740,000 in a year on contracted AML.
Art Henderson: Can we ask Rob and Mike which one would be better to see what they think? Because what they think is probably what I am going to agree too.
Rob Ghiglieri: Options A thru D, Mike and I have discussed since I started nearly 8 years ago. Option A has been in need drastically for a long period of time. When you're looking at B, D, & E each one of those has their own benefits to the program.
Rich DeLong: I think what Art was asking was, from your perspective would you rather see these enhancements or would you rather see a general increase in the AML budget, is that where you were going Art?
Art Henderson: Yes, that is all I wanted to know. Which one of the two options?
Rob Ghiglieri: I would say enhancements because that would remove some of the bottlenecks and eventually we'd have the ability to get more closures done. Depending on partner funding, we could then perform a work program to increase the closure work.
Art Henderson: So you don't have enough closures to meet your budget now?
Rob Ghiglieri: At the current forecast, by FY22-FY23 we would not.
Nigel Bain: I think that is a better way of putting it.
Motion to approve the recommended 4 continuation items - Contracted AML (@$650k/yr), new 2 year NBMG Contract (@$95k/yr), PDAC (@$25k/yr), NvMA Education Committee (@$15k/yr): Mary Korpi
Seconded by: Josh Nordquist
Unanimously approved

Rich DeLong: Next is discussing the Roundup meeting that Mike elaborated on and enhancements A-E that Rob just briefly discussed.
Josh Nordquist: To summarize what we have heard today is that this is something that we want to be involved with, cost are reasonable what we just heard about the enhancements this is the way to go.
Art Henderson: What's the reason we haven't had a UTV in the last 8 years?
Rob Ghiglieri: Administration.
Art Henderson: Is that because for the public to reach those places it's a higher risk somewhere else?
Rob Ghiglieri: The previous administration believed the safety concerns of the UTV outweighed the benefit.
Art Henderson: And the current administration doesn't have any issues with this?
Mike Visher: No
Bob Felder: UTV's are safer than they were 8 years ago.

Rob Ghiglieri: Yes they are.
Bob Felder: Discussed various safety systems of UTVs.
Rob Ghiglieri: Discussed various safety systems of UTVs.
Motion to approve the new expenditure proposals shared on page 10 including AME Roundup (@$8k/yr) and AML Enhancements A, B, C, D, and E (as detailed on page 8) : Josh Nordquist
Seconded by: Mari Korpi
Rich DeLong: I would like to ask for clarification, for A-E is that a motion for they would be implemented in FY21 through FY23.
Josh Nordquist: That's what I propose.
Bob Felder: Does Covid-19 factor into the decision for AME and PDAC to place the funding somewhere else?
Mike Visher: The funding amount for AME is not enough to worry about placing somewhere else for this FY.
Unanimously approved

III. D. Impact of Monthly Oil Assessment Fees

Lowell Price reviewed a handout on the Effects on Nevada Oil Industry Due to Drop in Price, NAC 522.342 Administrative Fees, 2019 Oil Production Fees, Taxes, and Royalties.
Rich DeLong: You listed 2019 productions; in comparisons to 2019 what do you expect the 2020 productions will be?
Lowell Price: I would say it will probably be 3/5ths.
Anthony Walsh: I'd like to briefly interrupt; I got cut off for a couple of seconds and redialed in, thank you.
Lowell Price: Lowell continued to give his report on the impact of monthly oil assessment fees
Art Henderson: The federal royalty fees would only be 0.5%
Lowell Price: That would be correct.
Art Henderson: The only reason we raised the fee in the first place was to pay your salary by oil and gas and geothermal, if you look at the budget it looks like geothermal fees produce $150,000 in revenue and Oil and Gas only produces $30,000 in fee revenue. If we want to help the people that are struggling now we would help the oil producers.
Lowell Price: We could look at it as a temporary regulation change like the BLM did to reduce their fees on Oil and Gas
Rich DeLong: This might be a question for Mike or Tony, given that we're in the third quarter of the calendar year and the first quarter in the fiscal year I think any regulation that we pass right now would be a temporary regulation?
Mike Visher: It would.
Rich DeLong: It would expire when?
Mike Visher: Emergency regulation or temporary regulation expires in six months. If it's an emergency regulation it has to have the blessing of the Governor as well. We are locked out of normal regulatory changes.
Rich DeLong: How would we do a regulation change now, in my time on the Commission we've never done a regulation change during this time period. Is there a difference between an emergency regulation and a temporary regulation?
Anthony Walsh: We are essentially down to the wire for a permanent regulation change if that time hasn't passed already, it would require a workshop and notice of adoption hearings. The next step would be a temporary regulation or an emergency regulation change, I think the pathway would be a temporary and I think that is a year as well as trying to get a permanent regulation change through on the next cycle.
Rich DeLong: Could we pass a temporary regulation and let it expire and have the old regulation come back in affect?
Anthony Walsh: Yes, that's my understanding.
Nigel Bain: Asked what Art's thoughts are.
Art Henderson: I'm the one that asked for this to be reviewed because the oil and gas industry nationwide is struggling. We already have oil companies that are struggling even in the good times and we went to them to increase fees, and they were willing to help us at the time we needed it. We thought our budgets were going to be bad we didn't know where we were headed. We also thought the claim fees were going down. Now that they're struggling it would be good to help them in return when we're not struggling.
Lowell Price: If we do help them I would suggest lowering the fees to mimic the federal fees.
Art Henderson: Yes, it would be the same proportion that the federal agencies gave them. Just because the wells are shut in doesn't mean they can't recover that oil when they come back on line. They could produce more than they did before they shut in. It's important to say that there're shut in and we are not receiving any revenue at all, but they're

going to produce more over a short period of time. I thought in our regulation we had some range that we could adjust the fee.
Mike Visher: It's set in regulation at .15 cents and the cap is in statute at $0.20.
Nigel Bain: (Garbled)
Art Henderson: Nigel my answer is if we can give them any relief I think we should at least on an emergency basis because every time we've gone to them they've been good to us and supported the Division in our bad times and we're in the good times more or less now so I think it would be good to support them.
Rich DeLong: I would suggest, you said emergency, I would suggest we consider a temporary it sounds like it's good for a year.
Anthony Walsh: Just to clarify NRS 233 B a temporary regulation change is affected only 120 days or less and that's the same as the emergency regulation as well.
Rich DeLong: Does a temporary regulation need to be approved by the Governor or is it just the emergency regulations?
Anthony Walsh: Emergency regulations need to be approved by the Governor and the temporary regulations need to go through an adoption process, as well as, Legislative Counsel Input that requires 30 day notices.
Rich DeLong: Is it possible to get Legislative Counsel Bureau input now before the regular session starts?
Anthony Walsh: One moment.
Art Henderson: Lowell, have any companies asked for relief?
Lowell Price: Just one specifically.
Art Henderson: Which one?
Lowell Price: Western Genera, in March or April
Art Henderson: So we would offer them $2,000 a year?
Lowell Price: Yes that is correct. Anything could help. They are all hurting at the moment. Lowell continued to review his well inspections to the Commission.
Anthony Walsh: As far as timing on a temporary regulations in terms of adoption up to 15 days' notice of a workshop and a 30 day notice for an adoption hearing likely push any temporary adoption hearing out into August. However, Legislative Counsel Bureau in terms of working with the commission on the adoption of a temporary regulation would simply be providing input prior to an adoption hearing. There would basically be a dialog back and forth as to how the wording would be finalized prior to an adoption hearing.
Rich DeLong: They would be available to do that communication?
Anthony Walsh: Yes. The Legislative Counsel Bureau sits away from the Legislature itself basically they're subject matter and policy experts regarding how to word a regulation. They would be able to work with the commission regardless of Legislative input.
Art Henderson: Asked Lowell if he thinks it's not significant enough to make the change
Lowell Price: I wouldn't say it's not significant because these people need our help, I agree with you they stepped in to help us, now we need to step forward to help them.
Art Henderson: I think they're in worse shape than we were.
Lowell Price: I know they are.
Art Henderson: Mike can you fit this to your workload?
Mike Visher: Yes its fairly straight forward, it's a simple change.
Motion proceed with rulemaking for a temporary change to NAC 522.to give a temporarily relief to the oil and gas producers in the State of Nevada by reducing administrative fee from .15 cents to 0.5 cents per barrel: Art Henderson
Nigel Bain: Is this going to look bad on the commission?
Art Henderson: How so? What do you suspect will happen?
Nigel Bain: Nigel asked if during these times of economic downturn would it look bad to reduce fees to help the Oil industry?
Art Henderson: The federal government reduced their royalties from 12.5% to 0.5 % for Nevada operators.
Lowell Price: Another way to look at this is if we don't reduce the fee, there may not be an oil industry in Nevada.
Mike Visher: If they produce the same amount as last year, there would be a revenue loss of $13,343.60.
Josh Nordquist: Stated it will help with keeping jobs in Nevada during these hard times.
Lowell Price: To elaborate how bad it is for the oil companies in Nevada, one company just let two employees go who both had been with the company for over 30 years.

Seconded by: Nigel Bain
Unanimously approved

III. C. The "Nevada Mineral Explorer" Interactive Web Application

Lucia Patterson with NDOM and Rachel Micander with NBMG provided a PowerPoint presentation on the new Nevada Mineral Explorer web application which will provide Nevada explorers with helpful information and data. Additional data will be added to it over time and the web application is hosted on the NBMG website.

III. B. AML Summer Work Plan

Rob Ghiglieri and Sean Derby provided a PowerPoint presentation which included past intern statistics, 2020 summer intern planning timeline, communicable disease prevention plan, new field/office procedures due to the COVID-19 pandemic, staff and intern field prioritizations for both northern and southern Nevada, intern field work locations, intern focus, and 2020 by comparison and looking forward.

COMMISSION BUSINESS

Mike Visher stated the staff reports are included in the Commission binders for review.

A. The next Commission Meeting will be Thursday, September 17, 2020 potentially at Walker River State Park.

COMMENTS BY THE GENERAL PUBLIC

ADJOURNMENT

4:11pm

AME Roundup Budget Estimate

Proposal: 2 staff, one 10' x 10' exhibit space, utilize existing agency exhibit materials, and minor furniture rentals

Jan 18-21, 2021

Travel:			USD	CAD	Notes
	Airline				
	---->	LAS	$350.00	NA	Est. mid-range fare
	---->	RNO	$296.70	NA	Actual cost from 2020
	Taxi				
	---->	Airport to Hotel	$7.50	$10.00	
	---->	Hotel to Airport	$7.50	$10.00	
	Hotel				
	---->	Max per-diem	$193.00	NA	
	---->	Max P-D + tax	$221.95	NA	GST is 5%, PST in BC adds 7%, MRDT adds
	---->	Max P-D + 10%	$221.95	NA	
	---->	Max P-D + 10% + tax	$280.77	NA	
	---->	2020 Actual Rate	$171.75	$229.00	https://roundup.amebc.ca/attendees/hotel-
	---->	2020 A-R + tax	$197.51	$263.35	visitor-info/
	---->	2020 A-R + 10% + tax	$217.26	$289.69	
	Other				
	M&IE/day		$140.00	NA	GSA Rate 2020
Conference:					
	AME Membership				
		1 needed for space	$236.25	$315.00	
Exhibit Space		10' x 10'	$3,059.44	$4,079.25	Includes 6 full delegate passes
Exhibit Furniture		Tables and chairs	$905.63	$1,207.50	
Rented Exhibit		None, see note #2	$0.00	$0.00	
		Total:	$7,962.82		

Editable Fields	
# of employees (RNO):	2
# of employees (LAS):	0
# of nights:	4
# of days:	5
CAD/USD=	0.75
Hotel Rate:	2020 A-R + 10% + tax
AME Membership:	1 needed for space

Totals by category	
Airfare	$593.40
Local Trans:	$30.00
Hotel:	$1,738.11
M&IE:	$1,400.00
Admission:	$236.25
Exhibit:	$3,965.06
Total:	$7,962.82

Notes:

(1) 2020 exhibitor rate was $3,885 CAD + GST for each 10'x10' space.

(2) The exhibit would utilize existing agency display equipment and materials.

Budget Enhancements for Consideration

Optional AML Program Enahancements				
	Title	Initial or Fixed Cost	Annual Cost	Benefits Realized
A	Utility Terrain Vehicle (UTV) and trailer	$19,270	$1,600	Field inventory and securing efficiencies due to increased ease of access to more remote hazards
B	Contract for Clark County Revisit/Repairs	$0	$50,000	Approximately 800 features revisited/repaired per year
C	Enhance ArcGIS Capabilities	$23,900	$4,500	Upgrade licenses for all GIS users (3) plus Spatial Analysis Toolbar (2)
D	Contract Hard Closure Site Geologic Analysis	$0	$50,000	Approximately 150 sites/yr will receive characterization and analytical assessment prior to hard closure to mitigate loss of exploration-related point values
E	Contract Archaeological Surveys	$0	$50,000	Shorten the current 2-3 year lead time needed for cultural review component of NEPA for hard closure projects. $50,000 contract would fund cultural surveys of approximately 200-300 sites.

CMR Guidance on Expenditures

- Continuations
  - Contracted AML - $650,000 per year for FY22/23
  - NBMG contract - $190,000 for FY22/23 biennium
  - PDAC - ~$25,000 per year for FY22/23 biennium
  - NvMA Ed. Comm. - $30,000 for FY22/23 biennium
- New Proposals
  - AME Roundup - $8,000 per year starting FY21
  - AML Enhancements (A, B, C, D, E)

III. NEW BUSINESS

III. A 2019 NEVADA MINERAL, OIL, AND GEOTHERMAL PRODUCTION

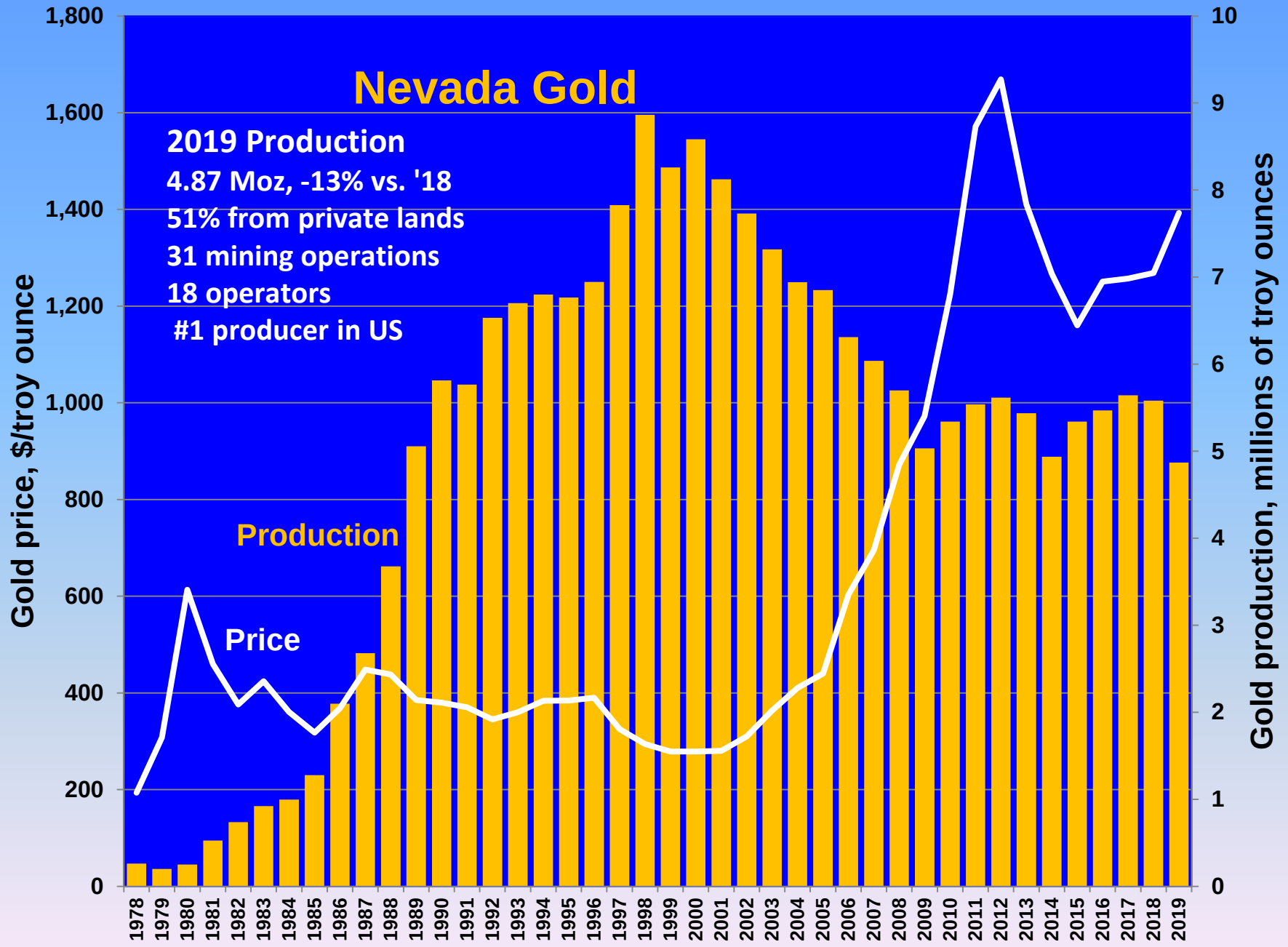
Nevada Division of Minerals

2019 Nevada Mineral, Oil and Geothermal Production

Commission on Mineral Resources

September 17, 2020

Michael Visher, Administrator


Nevada Gold
2019 Production
4.87 Moz, -13% vs. '18
51% from private lands
31 mining operations
18 operators
#1 producer in US
Production
Price
Gold price, $/troy ounce
Gold production, millions of troy ounces
1,800
1,600
1,400
1,200
1,000
800
600
400
200
0
10
9
8
7
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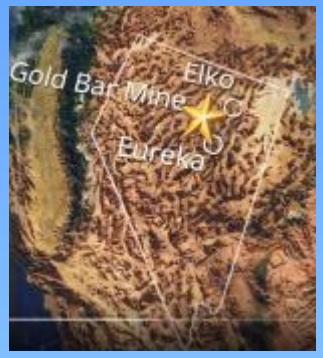
2019 NEVADA METAL PRODUCTION

2019 NEVADA METAL PRODUCTION, BY PRODUCER - Final				
Ranked by gold production				
Operator	Gold (ozs)	Silver (ozs)	Copper (lbs)	Moly (lbs)
Nevada Gold Mines	3,673,631	1,070,177	30,585,072	
Kinross	538,528	954,345		
SSR Mining	220,227	4,223		
Jerritt Canyon Gold	117,985	NR		
Hecla (Klondex)	66,166	181,741		
KGHM International	51,277	67,634	113,132,886	766,699
Florida Canyon Mining (Alio Gold)	43,305	30,877		
Fiore Gold	40,499	NR		
Coeur	35,401	3,761,060		
McEwen Mining	30,709	614		
Rawhide Mining	14,381	140,187		
Gold Resource Corp.	10,810	9,574		
Hycroft Mining	8,916	56,783		
Premier Gold (40% of S. Arturo)	8,412	NR		
Mineral Ridge Gold	3,863	2,324		
Ruby Hill Mining	3,356	2,540		
Borealis Mining	605	387		
Toquima Gold	15	NR		
Totals	4,868,086	6,282,466	143,717,958	766,699

New Operation for 2019 #1
McEwen Mining – Gold Bar, Eureka County

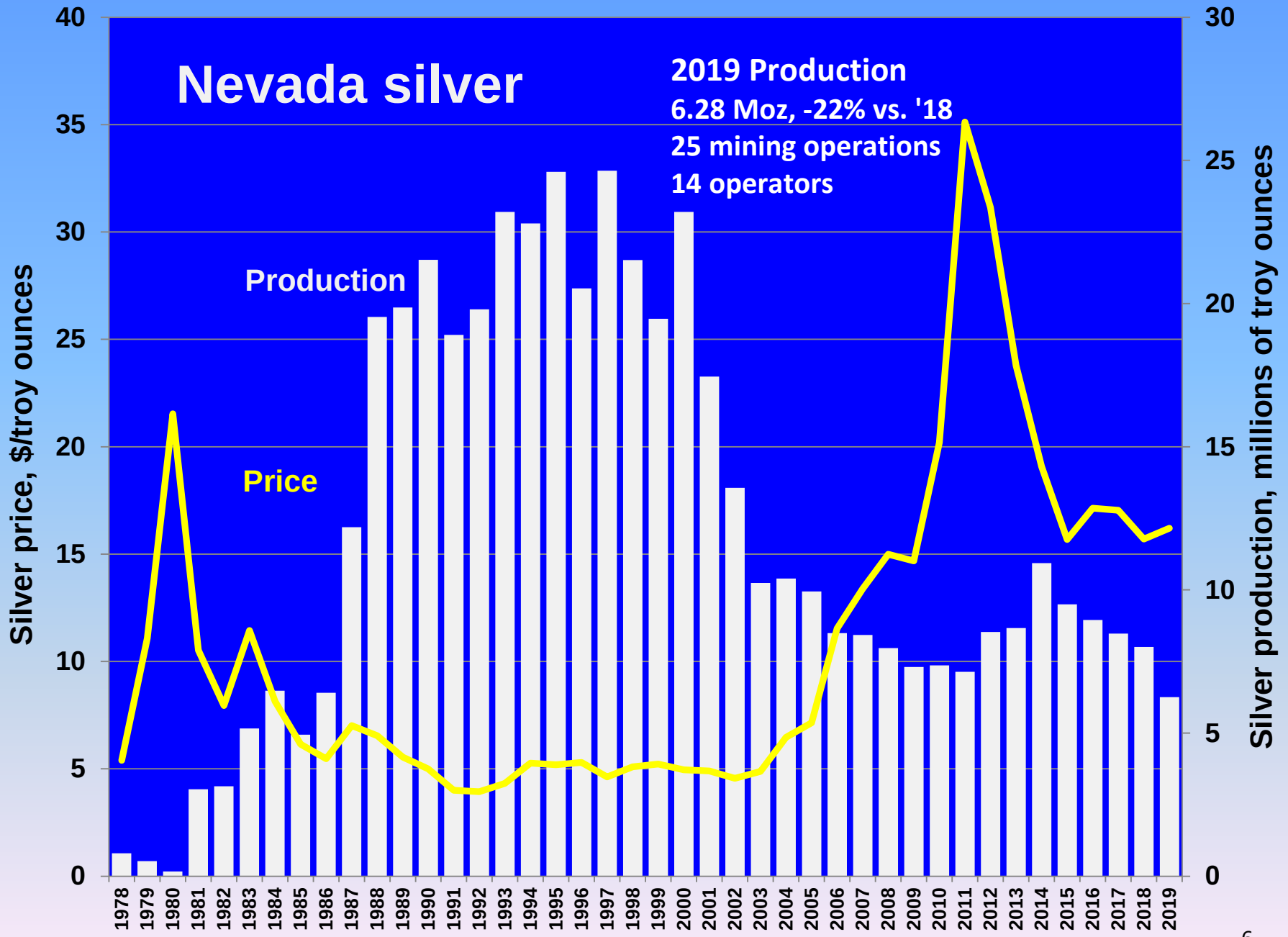


- Groundbreaking – November 2017
- First gold pour – February 2019
- Full Production achieved May, 2019
- Production target – 60,000 Au oz/yr
- Avg. Au grade - 1.0 g/t
- Current mine life – 7.4 years

New Operation for 2019 #2
Gold Resource Corp. – Isabella Pearl, Mineral County

- Groundbreaking – June 2018
- First gold pour – April 2019
- Production target – 40,000 Au oz/yr
- Avg. Au grade - 3.7 g/t
- Current mine life – 5 years

Isabella Pearl Project: First gold dore bar


Nevada silver
2019 Production
6.28 Moz, -22% vs. '18
25 mining operations
14 operators
Production
Price
Silver price, $/troy ounces
Silver production, millions of troy ounces
0
5
10
15
20
25
30
35
40
1978
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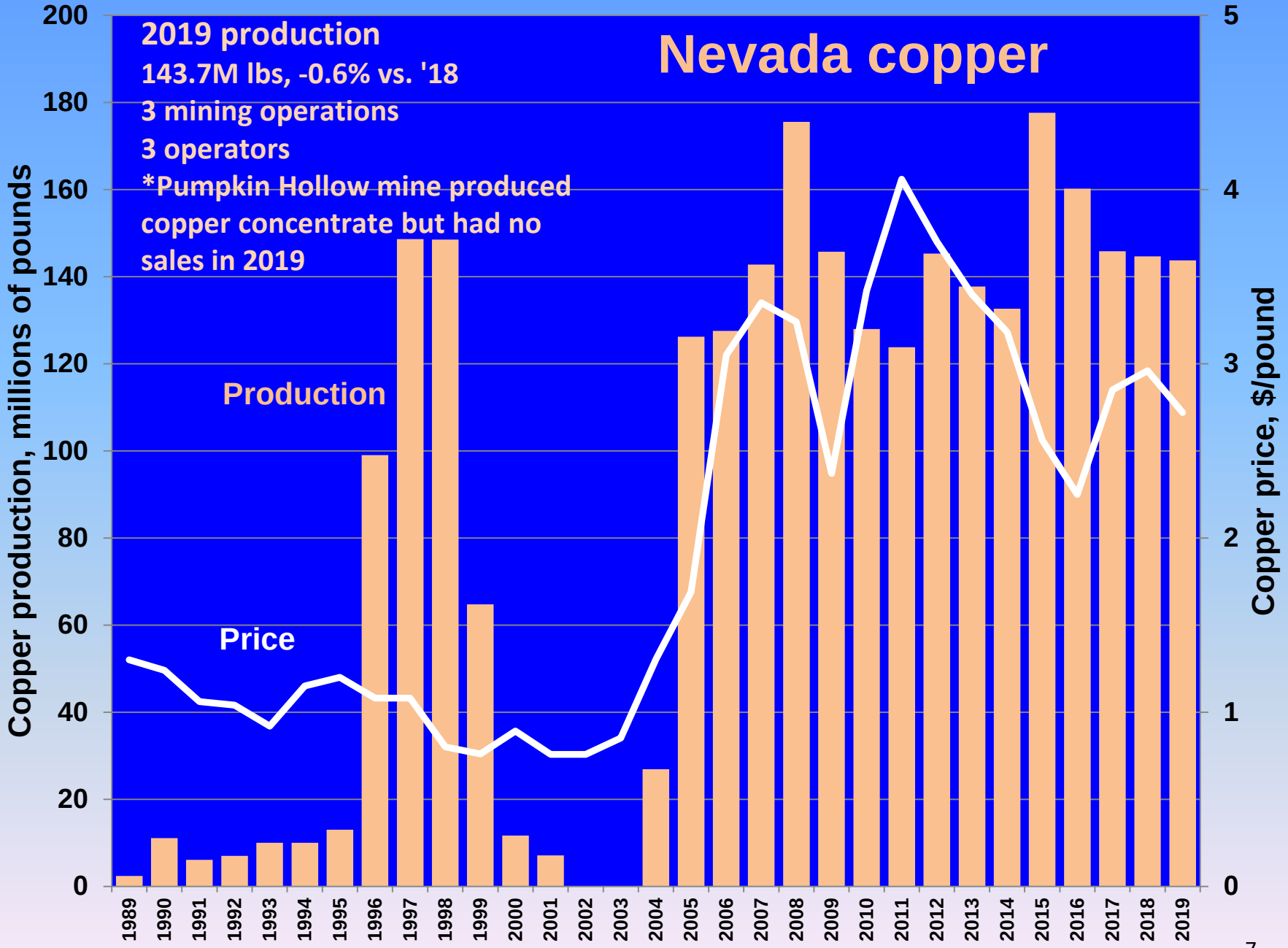
Nevada copper
2019 production
143.7M lbs, -0.6% vs. '18
3 mining operations
3 operators
*Pumpkin Hollow mine produced copper concentrate but had no sales in 2019
Production
Price
Copper production, millions of pounds
Copper price, $/pound
0
20
40
60
80
100
120
140
160
180
200
0
1
2
3
4
5
1989
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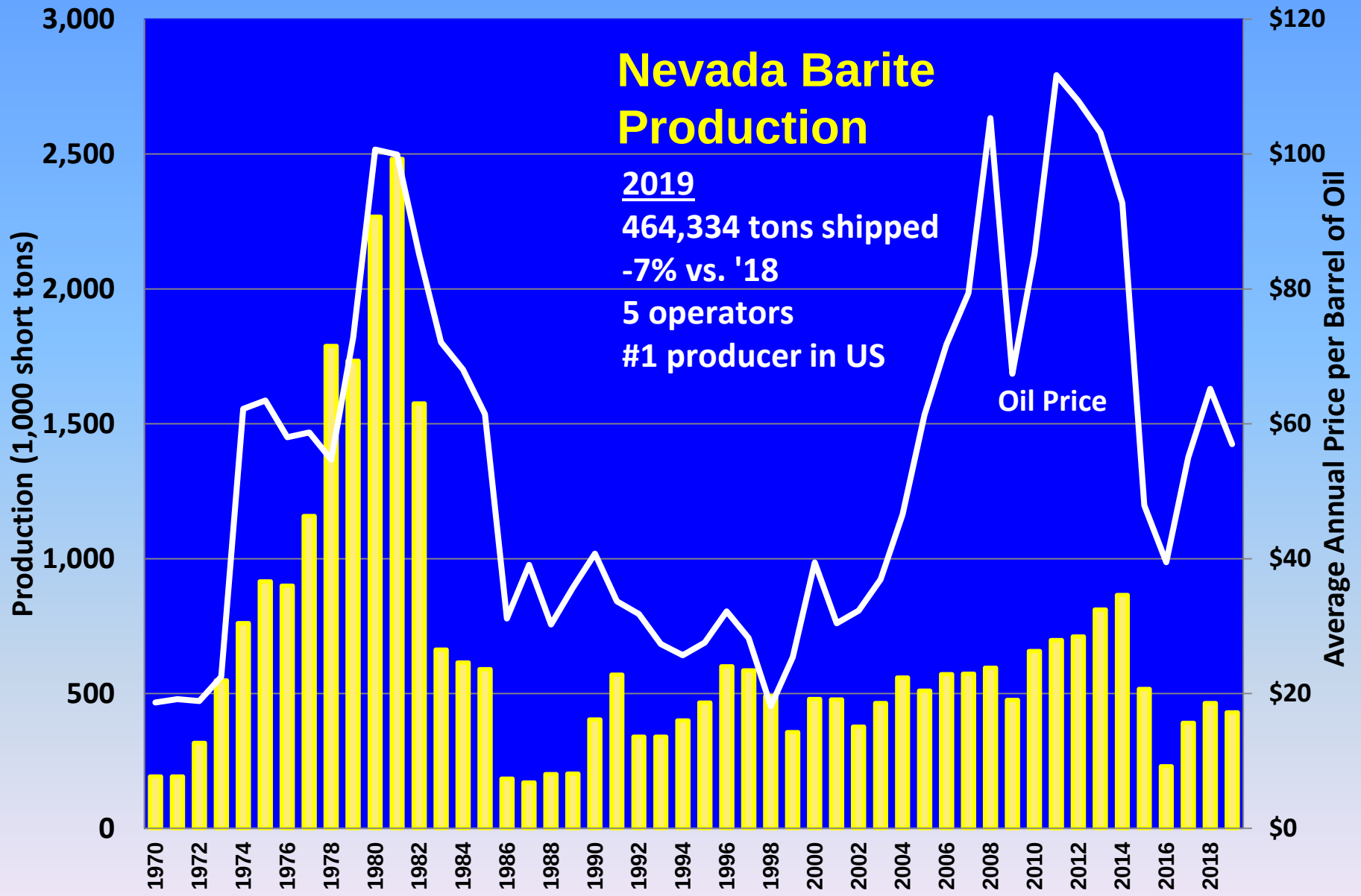
New Operation for 2019 #3
Nevada Copper's Pumpkin Hollow Mine, Lyon County

- **2 deposits with 6 billion contained pounds of Cu**
  - **Higher grade eastern deposit; underground**
  - **Shallower western deposit; open-pit**
- **Main shaft being extended to 2,147 feet**
- **First copper production occurred in Q4 2019**
- **The mine will employ ~300 people**
- **13.5 year mine life (UG), 19 year mine life (OP)**
- **Becomes Nevada's 3rd copper producer in past 20 years**

Headframe and stockpiles, July 2019

Concentrator under construction, July 2019


Nevada Barite Production
2019
464,334 tons shipped
-7% vs. '18
5 operators
#1 producer in US
Oil Price
Production (1,000 short tons)
Average Annual Price per Barrel of Oil
3,000
2,500
2,000
1,500
1,000
500
0
$120
$100
$80
$60
$40
$20
$0
1970
1972
1974
1976
1978
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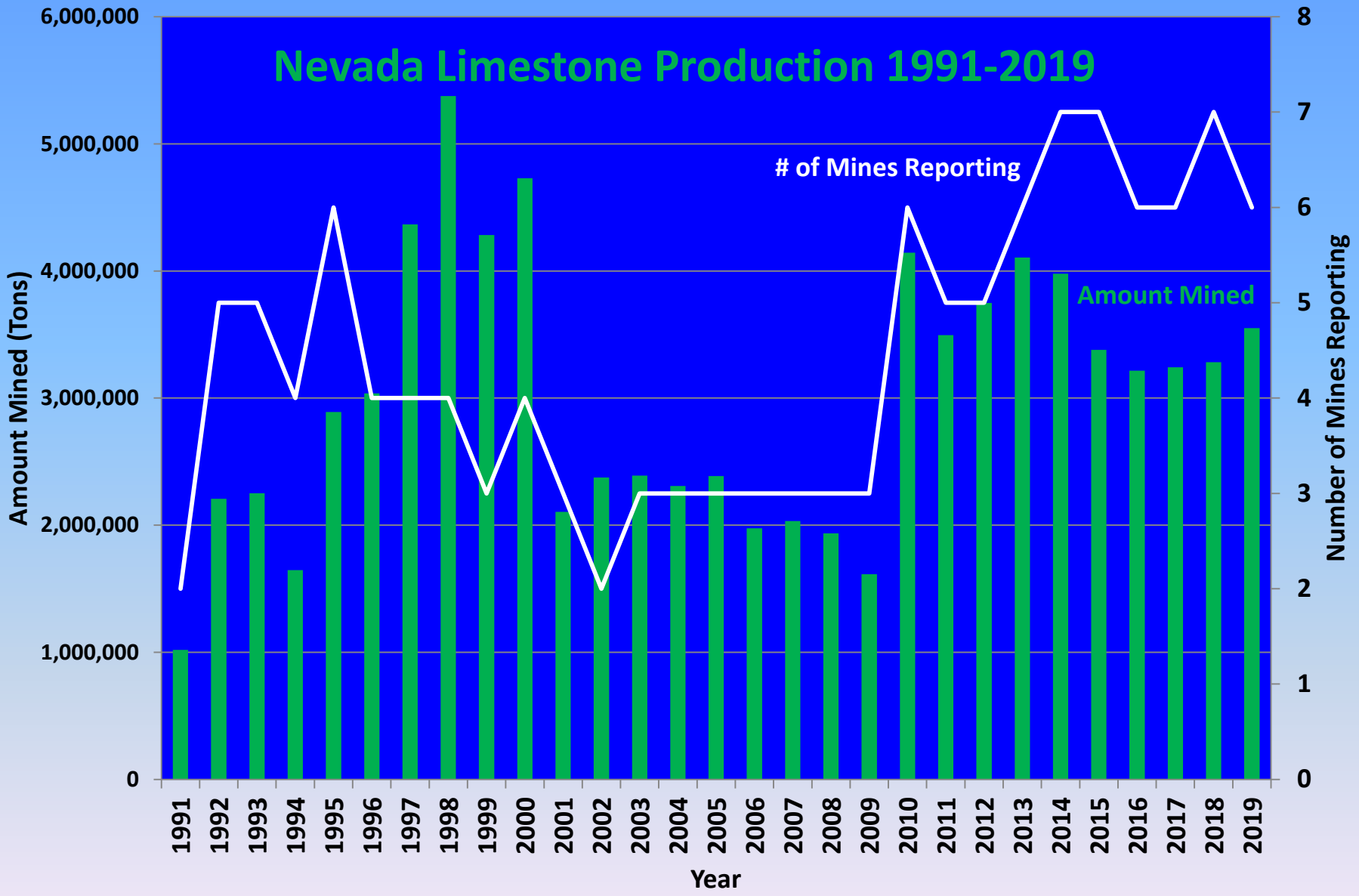
Nevada Limestone Production 1991-2019
# of Mines Reporting
Amount Mined
Amount Mined (Tons)
Number of Mines Reporting
Year
6,000,000
5,000,000
4,000,000
3,000,000
2,000,000
1,000,000
0
8
7
6
5
4
3
2
1
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1991
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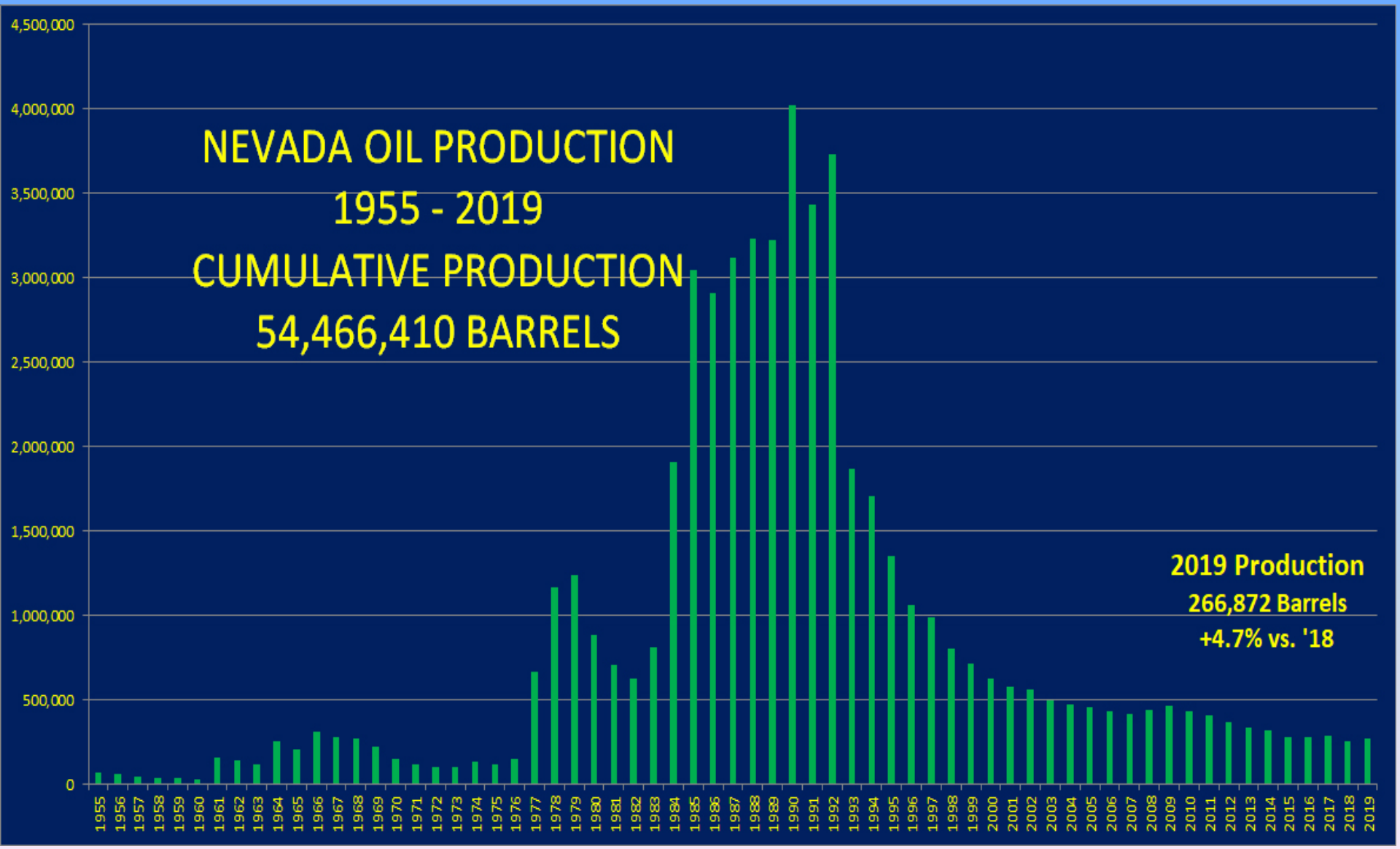
Other Industrial Minerals Produced in 2019

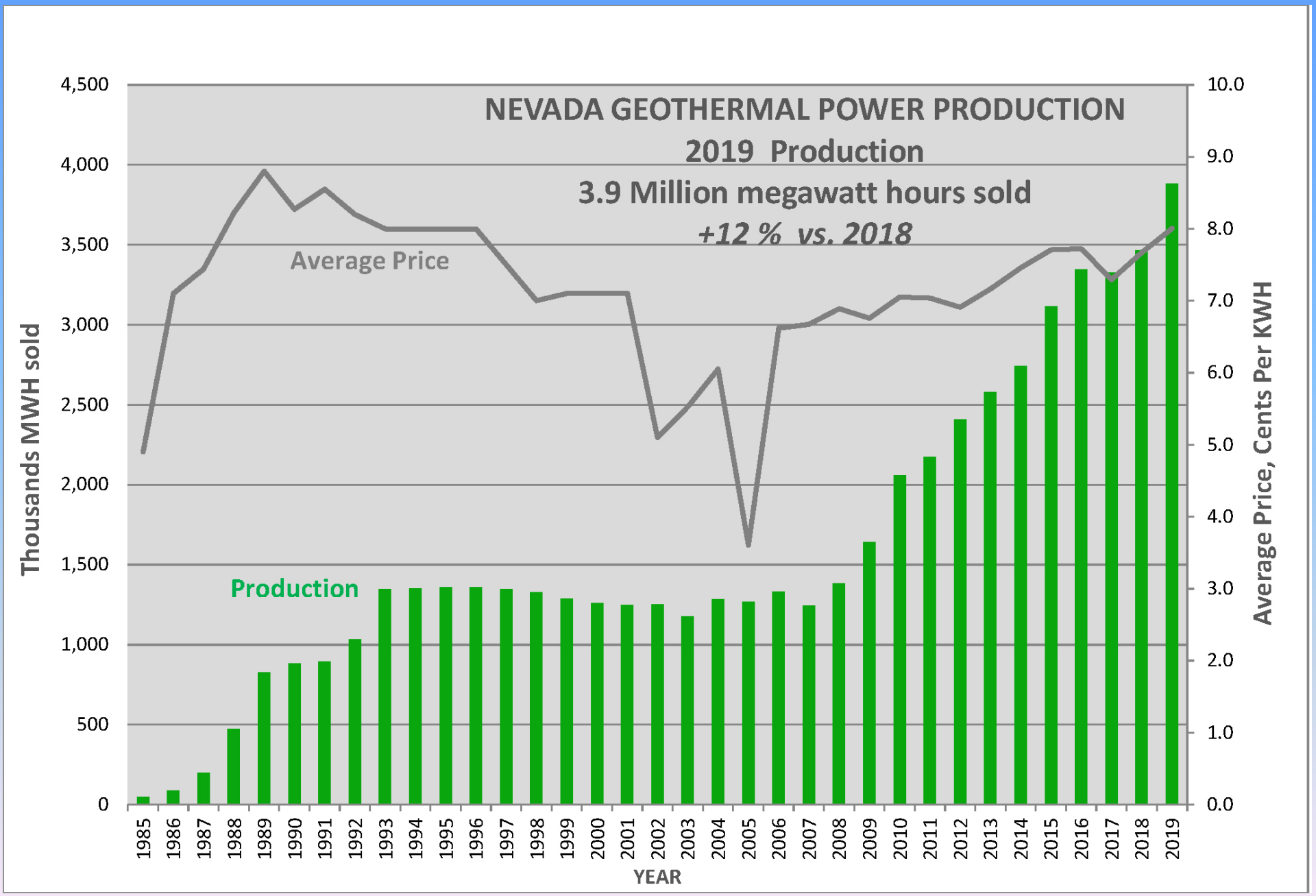
- 7,900,000 lbs of lithium carbonate*
- 1,900,000 tons of gypsum
- 618,000 tons of silica sand
- 119,000 tons of magnesite*
- 276,000 tons of diatomite
- 24,500 tons of salt
- 2,200 tons of perlite

* Only producer in US

NEVADA DIVISION OF MINERALS

Oil Production




NEVADA GEOTHERMAL POWER PRODUCTION
2019 Production
3.9 Million megawatt hours sold
+12 % vs. 2018
Average Price
Production
Thousands MWH sold
Average Price, Cents Per KWH
YEAR
4,500
4,000
3,500
3,000
2,500
2,000
1,500
1,000
500
0
10.0
9.0
8.0
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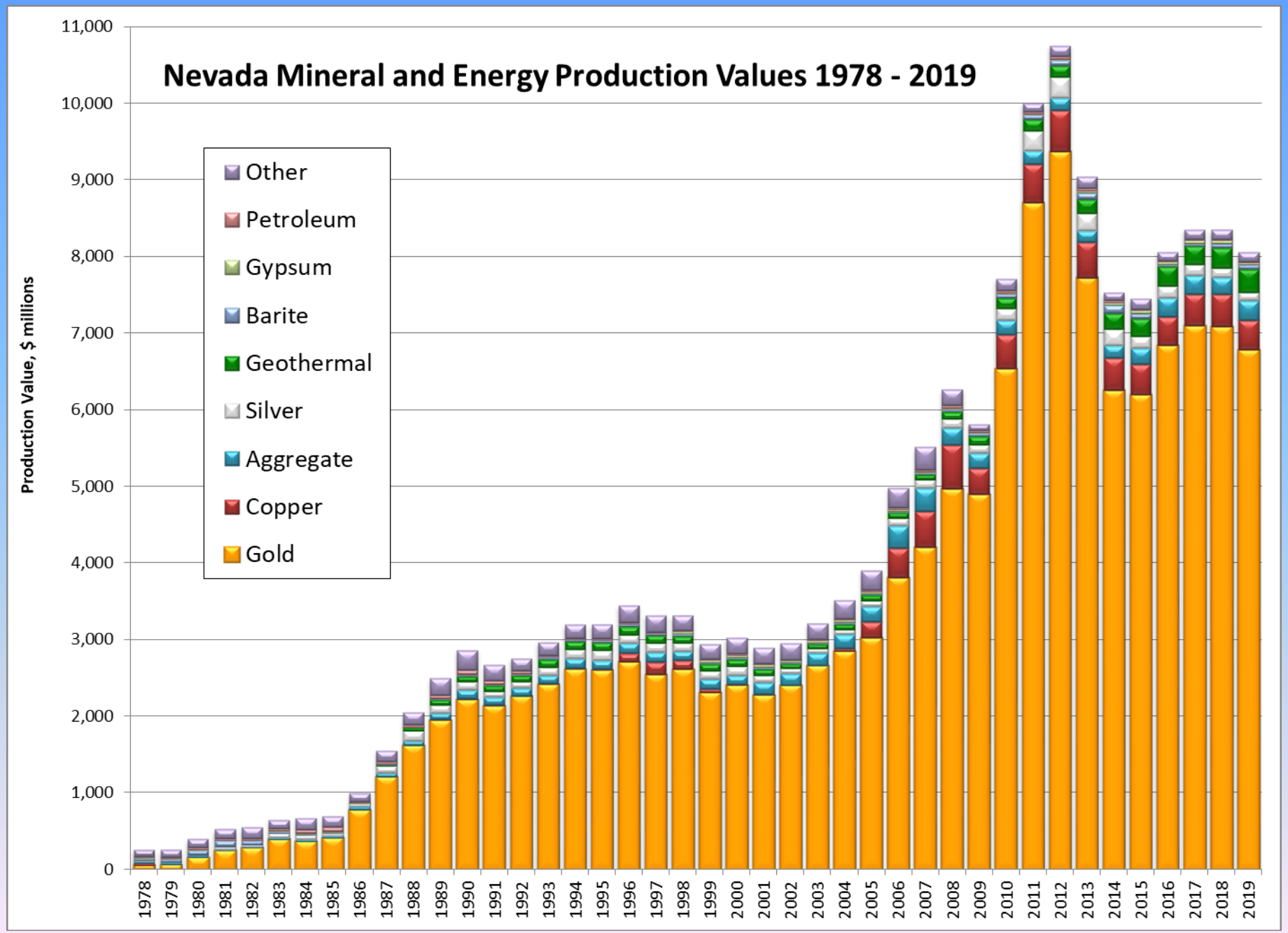
Summary of 2019 Nevada Mineral Commodity Production

Commodity	Production Amount	Unit	YOY Change (%)	Value ($)	YOY Value Change (%)
Gold	4,868,086	ounces	-13.7%	$6,779,296,564	-4.4%
Silver	6,282,466	ounces	-25.9%	$101,838,774	-29.5%
Barite (shipped from mills)	172,157	tons	-56.0%	$49,449,408	57.0%
Copper	143,717,958	pounds	-1.4%	$390,912,846	-5.9%
Diatomite	276,147	tons	-0.3%	$47,593,994	-1.8%
Dolomite	44,495	tons	-6.4%	$4,544,808	8.4%
Gypsum	1,929,627	tons	-44.6%	$28,805,229	-32.6%
Limestone (Incl. Lhoist Dolomite)	3,826,824	tons	19.0%	$37,149,758	7.8%
Lithium compounds (shipped)	7,887,994	pounds	-22.9%	$36,022,907	-9.1%
Magnesium compounds (shipped)	118,556	tons	5.7%	$6,404,420	-18.9%
Molybdenite	766,699	pounds	17.5%	$9,062,382	70.0%
Perlite	2,213	tons	-147.5%	$694,455	-16.5%
Salt (shipped)	24,532	tons	-1.3%	$834,094	52.2%
Silica sand (shipped)	617,553	tons	-15.1%	$17,304,879	-12.8%
Specialty clays	119,136	tons	-8.3%	$13,867,063	23.3%
Geothermal energy (sold)	3,858,208	megawatt hours	16.1%	$310,949,485	28.3%
Oil (sold)	264,115	barrels	-6.0%	$14,035,530	8.9%
Aggregates	33,500,000	tons	-7.6%	$255,000,000	6.3%
				$8,103,766,595	


Nevada Mineral and Energy Production Values 1978 - 2019
Production Value, $ millions
11,000
10,000
9,000
8,000
7,000
6,000
5,000
4,000
3,000
2,000
1,000
0
Other
Petroleum
Gypsum
Barite
Geothermal
Silver
Aggregate
Copper
Gold
1978
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III. B <u>NEVADA LEGISLATURE SPECIAL SESSION I AND II</u>

Assembly Joint Resolution No. 1–
Committee of the Whole

FILE NUMBER.....

ASSEMBLY JOINT RESOLUTION—Proposing to amend the Nevada Constitution to revise provisions governing the taxation of mines, mining claims and the proceeds of minerals extracted in this State.

Legislative Counsel's Digest:

Under the Nevada Constitution, the Legislature must impose a tax upon the net proceeds of all minerals extracted in this State at a rate not to exceed 5 percent of the net proceeds, and the net proceeds are not subject to any other tax. (Nev. Const. Art. 10, § 5) The Nevada Constitution also exempts mines and mining claims from the property tax. (Nev. Const. Art. 10, § 1)

This resolution proposes to amend the Nevada Constitution to eliminate: (1) the requirement for the Legislature to impose a tax upon the net proceeds of minerals extracted at a rate not to exceed 5 percent of the net proceeds; and (2) the appropriation of a portion of those proceeds to each county in this State. Instead, this resolution would amend the Nevada Constitution to impose a tax on the gross proceeds of all minerals extracted in this State during a calendar year at a rate of 7.75 percent of the gross proceeds and authorize the Legislature to provide by law for the taxation of mines and mining claims and the proceeds of all minerals extracted in this State. Under this resolution, the tax on the gross proceeds of minerals extracted in this State would be imposed on minerals extracted during each calendar year beginning on or after January 1, 2023.

The amendment to the Nevada Constitution proposed by this resolution would also provide that a majority of the members elected to each House is necessary to pass any provision of a bill that enacts or amends a law providing for the taxation of mines, mining claims or the proceeds of minerals extracted in this State in a manner that creates, generates or increases any public revenue in any form. The amendment to the Nevada Constitution proposed by this resolution would also provide that an affirmative vote or not fewer than two-thirds of the members elected to each House is necessary to pass a bill to reduce the rate of, or provide an exemption from, the tax on the gross proceeds of minerals extracted by a particular class of taxpayers or imposed on a type of mineral extracted.

Under the amendment to the Nevada Constitution proposed by this resolution, 25 percent of the proceeds of the tax on the gross proceeds of minerals extracted in this State would be required to be accounted for separately in the State Treasury and used exclusively for educational purposes, to provide for the health care of the residents of this State or to provide economic assistance to the residents of this State, or any combination thereof. The use of the remaining 75 percent of the proceeds of the tax would not be restricted by the provisions of the Nevada Constitution.

If this resolution is passed by the Legislature during the 32nd Special Session of the Legislature, it must also be passed by the next Legislature and then approved and ratified by the voters in an election before the proposed amendments to the Nevada Constitution become effective.

EXPLANATION – Matter in ***bolded italics*** is new; matter between brackets ~~[omitted material]~~ is material to be omitted.

RESOLVED BY THE ASSEMBLY AND SENATE OF THE STATE OF NEVADA, JOINTLY, That Section 5 of Article 10 of the Nevada Constitution be amended to read as follows:

Sec. 5. 1. The ~~[legislature]~~ ***Legislature*** shall provide by law for ***the taxation of mines, mining claims and the proceeds of all minerals, including oil, gas and other hydrocarbons, extracted in this State.***

2. In addition to any other taxes provided by law, for each calendar year beginning on or after January 1, 2023, a tax ***is hereby imposed*** upon the ~~[net]~~ ***gross*** proceeds of all minerals, including oil, gas and other hydrocarbons, extracted in this ~~[state,]~~ ***State during a calendar year,*** at a rate ~~[not to exceed 5 percent of the net]~~ ***of 7.75 percent of the gross*** proceeds ~~[. No other tax may be imposed upon a mineral or its proceeds until the identity of the proceeds as such is lost.~~

~~2. The legislature shall appropriate to each county that sum which would be produced by levying a tax upon the entire amount of the net proceeds taxed in each taxing district in the county at the rate levied in that district upon the assessed valuation of real property. The total amount so appropriated to each county must be apportioned among the respective governmental units and districts within it, including the county itself and the school district, in the same proportion as they share in the total taxes collected on property according to value.]~~ ***, unless the Legislature increases or reduces the rate of the tax by a law enacted in accordance with subsection 4.***

3. ~~[Each patented mine or mining claim must be assessed and taxed as other real property is assessed and taxed, except that no value may be attributed to any mineral known or believed to underlie it, and no value may be attributed to the surface of a mine or claim if one hundred dollars' worth of labor has been actually performed on the mine or claim during the year preceding the assessment.]~~ ***Twenty-five percent of any money collected by the State from the tax imposed pursuant to subsection 2 on the gross proceeds of minerals extracted in this State must be segregated in proper accounts in the State Treasury and, in accordance with appropriations made by law, used exclusively for educational purposes, to provide for the health care of the residents of this State or to provide***

economic assistance to the residents of this State, or any combination thereof.

4. Notwithstanding any other provision of this Constitution:

(a) A majority of all the members elected to each House is necessary to pass any provision of a bill that enacts or amends any law providing for the taxation of mines, mining claims or the proceeds of minerals, including oil, gas and other hydrocarbons, extracted in this State, if the provision creates, generates or increases any public revenue in any form, including, without limitation, any provision of a bill that increases the rate of the tax imposed pursuant to subsection 2.

(b) An affirmative vote of not fewer than two-thirds of the members elected to each House is necessary to pass a bill which provides for an exemption from or a reduction in the rate of the tax imposed pursuant to subsection 2 with respect to the gross proceeds of minerals extracted in this State during a calendar year by a class of persons extracting such minerals or with respect to the gross proceeds of a type of mineral extracted in this State during a calendar year.

And be it further

RESOLVED, That this resolution becomes effective upon adoption.

20 ~~~~~ **20**

AB4
AJR1
AJR2
ACR1
AR1
AR2
AR3
AR4

Senate Bills (11)

Sponsored By (22)

Previous Session Bills (0)

Date: Sunday, August 2, 2020

Votes:

All: 42

- ✔ Assefa, Alexander (Yea)
- ✔ Backus, Shea (Yea)
- ✔ Benitez-Thompson, Teresa (Yea)
- ✔ Bilbray-Axelrod, Shannon (Yea)
- ✔ Carlton, Maggie (Yea)
- ✔ Carrillo, Richard (Yea)
- ✔ Cohen, Lesley (Yea)
- ✔ Daly, Skip (Yea)
- ✔ Douglass-Boone, Kasina (Yea)
- ✔ Duran, Bea (Yea)
- ✖ Edwards, Chris (Nay)
- ✖ Ellison, John (Nay)
- ✔ Flores, Edgar (Yea)
- ✔ Frierson, Jason (Yea)
- ✔ Fumo, Ozzie (Yea)
- ✔ Gorelow, Michelle (Yea)
- ✖ Hafen, Gregory (Nay)
- ✖ Hambrick, John (Nay)
- ✖ Hansen, Alexis (Nay)
- ✖ Hardy, Melissa (Nay)
- ✔ Jauregui, Sandra (Yea)
- ✖ Kramer, Al (Nay)
- ✖ Krasner, Lisa (Nay)
- ✖ Leavitt, Glen (Nay)
- ✔ Martinez, Susie (Yea)
- ✔ McCurdy, William (Yea)
- ✔ Miller, Brittney (Yea)
- ✔ Monroe-Moreno, Daniele (Yea)
- ✔ Munk, Connie (Yea)
- ✔ Neal, Dina (Yea)
- ✔ Nguyen, Rochelle (Yea)
- ✔ Peters, Sarah (Yea)
- ✖ Roberts, Tom (Nay)
- ✔ Smith, Greg (Yea)
- ✔ Spiegel, Ellen (Yea)
- ✔ Swank, Heidi (Yea)
- ✖ Titus, Robin (Nay)
- ✖ Tolles, Jill (Nay)
- ✔ Torres, Selena (Yea)
- ✔ Watts, Howard (Yea)
- ✖ Wheeler, Jim (Nay)
- ✔ Yeager, Steve (Yea)

Date: Sunday, August 2, 2020

Votes:

All: 21

- ✔ Brooks, Chris (Yea)
- ✔ Cancela, Yvanna (Yea)
- ✔ Cannizzaro, Nicole (Yea)
- ✔ Denis, Moises (Yea)
- ✔ Dondero Loop, Marilyn (Yea)
- ✖ Goicoechea, Pete (Nay)
- ✖ Hammond, Scott (Nay)
- ✖ Hansen, Ira (Nay)
- ✖ Hardy, Joseph (Nay)
- ✔ Harris, Dallas (Yea)
- ✖ Kieckhefer, Ben (Nay)
- ✔ Ohrenschall, James (Yea)
- ✔ Parks, David (Yea)
- ✖ Pickard, Keith (Nay)
- ✔ Ratti, Julia (Yea)
- ✔ Scheible, Melanie (Yea)
- ✖ Seevers Gansert, Heidi (Nay)
- ✖ Settelmeyer, James (Nay)
- ✔ Spearman, Pat (Yea)
- ✔ Washington, Marcia (Yea)
- ✔ Woodhouse, Joyce (Yea)

Yea: 13

Nay: 8

Excused: 0

Not Voting: 0

Absent: 0

SENATE JOINT RESOLUTION NO. 1–
COMMITTEE OF THE WHOLE

JULY 31, 2020

Referred to Committee of the Whole

SUMMARY—Proposes to amend the Nevada Constitution to revise provisions governing the taxation of minerals extracted in this State. (BDR C-27)

FISCAL NOTE: Effect on Local Government: May have Fiscal Impact.
Effect on the State: Yes.

~

EXPLANATION – Matter in ***bolded italics*** is new; matter between brackets ~~[omitted material]~~ is material to be omitted.

SENATE JOINT RESOLUTION—Proposing to amend the Nevada Constitution to revise provisions governing the taxation of minerals extracted in this State and to require the Legislature to provide by law for a program to make payments to eligible persons in this State from a portion of the tax on the proceeds of minerals.

Legislative Counsel's Digest:

Under the Nevada Constitution, the Legislature must impose a tax upon the net proceeds of all minerals extracted in this State at a rate not to exceed 5 percent of the net proceeds, and the net proceeds are not subject to any other tax. (Nev. Const. Art. 10, § 5) The Nevada Constitution also exempts mines and mining claims from the property tax. (Nev. Const. Art. 10, § 1)

This resolution proposes to amend the Nevada Constitution to eliminate: (1) the requirement for the Legislature to impose a tax upon the net proceeds of minerals extracted at a rate not to exceed 5 percent of the net proceeds; and (2) the appropriation of a portion of those proceeds to each county in this State. Instead, this resolution would amend the Nevada Constitution to impose a tax on the gross proceeds of all minerals extracted in this State during a calendar year at a rate of 7.75 percent of the gross proceeds and authorize the Legislature to provide by law for the taxation of mines and mining claims and the proceeds of all minerals extracted in this State. Under this resolution, the tax on the gross proceeds of minerals extracted in this State would be imposed on minerals extracted during each calendar year beginning on or after January 1, 2023.

The amendment to the Nevada Constitution proposed by this resolution would also provide that a majority of the members elected to each House is necessary to pass any provision of a bill that enacts or amends a law providing for the taxation of mines, mining claims or the proceeds of minerals extracted in this State in a

manner that creates, generates or increases any public revenue in any form. The amendment to the Nevada Constitution proposed by this resolution would also provide that an affirmative vote of not fewer than two-thirds of the members elected to each House is necessary to pass a bill to reduce the rate of, or provide an exemption, from the tax on the gross proceeds of minerals extracted by a particular class of taxpayers or imposed on a type of mineral extracted.

Under the amendment to the Nevada Constitution proposed by this resolution, 50 percent of the proceeds of the tax on the gross proceeds of minerals extracted in this State would be required to be accounted for separately in the State Treasury and used exclusively to fund a program to make payments to eligible persons domiciled in this State. The use of the remaining 50 percent of the proceeds of the tax would not be restricted by the provisions of the Nevada Constitution.

If this resolution is passed during the 32nd Special Session of the Legislature, it must also be passed by the next Legislature and then approved and ratified by the voters in an election before the proposed amendments to the Nevada Constitution become effective.

RESOLVED BY THE SENATE AND ASSEMBLY OF THE STATE OF NEVADA, JOINTLY, That Section 5 of Article 10 of the Nevada Constitution be amended to read as follows:

Sec. 5. 1. The ~~[legislature]~~ ***Legislature*** shall provide by law for ***the taxation of mines, mining claims and the proceeds of all minerals, including oil, gas and other hydrocarbons, extracted in this State.***

2. In addition to any other taxes provided by law, for each calendar year beginning on or after January 1, 2023, a tax ***is hereby imposed*** upon the ~~[net]~~ ***gross*** proceeds of all minerals, including oil, gas and other hydrocarbons, extracted in this ~~[state,]~~ ***State during a calendar year,*** at a rate ~~[not to exceed 5 percent of the net]~~ ***of 7.75 percent of the gross*** proceeds ~~[. No other tax may be imposed upon a mineral or its proceeds until the identity of the proceeds as such is lost.~~

~~2. The legislature shall appropriate to each county that sum which would be produced by levying a tax upon the entire amount of the net proceeds taxed in each taxing district in the county at the rate levied in that district upon the assessed valuation of real property. The total amount so appropriated to each county must be apportioned among the respective governmental units and districts within it, including the county itself and the school district, in the same proportion as they share in the total taxes collected on property according to value.]~~ ***, unless the Legislature increases or reduces the rate of the tax by a law enacted in accordance with subsection 5.***

3. ~~[Each patented mine or mining claim must be assessed and taxed as other real property is assessed and taxed, except that no value may be attributed to any mineral~~

~~known or believed to underlie it, and no value may be attributed to the surface of a mine or claim if one hundred dollars' worth of labor has been actually performed on the mine or claim during the year preceding the assessment.]~~ ***Fifty percent of any money collected by the State from the tax imposed pursuant to subsection 2 on the gross proceeds of minerals extracted in this State must be segregated in proper accounts in the State Treasury and, in accordance with appropriations made by law, used exclusively to fund a program established pursuant to subsection 4.***

4. The Legislature shall provide by law for a program to make payments from the money held in the State Treasury pursuant to subsection 3 to eligible persons domiciled in this State on a yearly basis, with the first payment being due on August 30, 2024, and subsequent payments being due on the last Friday of August for each year thereafter. The Legislature shall establish by law the criteria which a person must satisfy to be eligible for such payments.

5. Notwithstanding any other provision of this Constitution:

(a) A majority of all the members elected to each House is necessary to pass any provision of a bill that enacts or amends any law providing for the taxation of mines, mining claims or the proceeds of minerals, including oil, gas and other hydrocarbons, extracted in this State, if the provision creates, generates or increases any public revenue in any form, including, without limitation, any provision of a bill that increases the rate of the tax imposed pursuant to subsection 2.

(b) An affirmative vote of not fewer than two-thirds of the members elected to each House is necessary to pass a bill which provides for an exemption from or a reduction in the rate of the tax imposed pursuant to subsection 2 with respect to the gross proceeds of minerals extracted in this State during a calendar year by a class of persons extracting such minerals or with respect to the gross proceeds of a type of mineral extracted in this State during a calendar year.

And be it further

RESOLVED, That this resolution becomes effective upon adoption.

SB3
SB4
SJR1
SCR1
SCR2
SR1
SR2
SR3
SR4

Sponsored By (22)

Previous Session Bills (0)

Date: Sunday, August 2, 2020

Votes:

All: 42

- ✔ Assefa, Alexander (Yea)
- ✔ Backus, Shea (Yea)
- ✔ Benitez-Thompson, Teresa (Yea)
- ✔ Bilbray-Axelrod, Shannon (Yea)
- ✖ Carlton, Maggie (Nay) D
- ✖ Carrillo, Richard (Nay) D
- ✔ Cohen, Lesley (Yea)
- ✔ Daly, Skip (Yea)
- ✔ Douglass-Boone, Kasina (Yea)
- ✔ Duran, Bea (Yea)
- ✖ Edwards, Chris (Nay)
- ✖ Ellison, John (Nay)
- ✔ Flores, Edgar (Yea)
- ✔ Frierson, Jason (Yea)
- ✔ Fumo, Ozzie (Yea)
- ✔ Gorelow, Michelle (Yea)
- ✖ Hafen, Gregory (Nay)
- ✖ Hambrick, John (Nay)
- ✖ Hansen, Alexis (Nay)
- ✖ Hardy, Melissa (Nay)
- ✔ Jauregui, Sandra (Yea)
- ✖ Kramer, Al (Nay)
- ✖ Krasner, Lisa (Nay)
- ✖ Leavitt, Glen (Nay)
- ✔ Martinez, Susie (Yea)
- ✔ McCurdy, William (Yea)
- ✔ Miller, Brittney (Yea)
- ✔ Monroe-Moreno, Daniele (Yea)
- ✔ Munk, Connie (Yea)
- ✖ Neal, Dina (Nay) D
- ✔ Nguyen, Rochelle (Yea)
- ✔ Peters, Sarah (Yea)
- ✖ Roberts, Tom (Nay)
- ✔ Smith, Greg (Yea)
- ✖ Spiegel, Ellen (Nay) D
- ✔ Swank, Heidi (Yea)
- ✖ Titus, Robin (Nay)
- ✖ Tolles, Jill (Nay)
- ✔ Torres, Selena (Yea)
- ✔ Watts, Howard (Yea)
- ✖ Wheeler, Jim (Nay)
- ✔ Yeager, Steve (Yea)

Date: Saturday, August 1, 2020

Votes:

All: 21

- ✔ Brooks, Chris (Yea)
- ✔ Cancela, Yvanna (Yea)
- ✔ Cannizzaro, Nicole (Yea)
- ✔ Denis, Moises (Yea)
- ✔ Dondero Loop, Marilyn (Yea)
- ✖ Goicoechea, Pete (Nay)
- ✖ Hammond, Scott (Nay)
- ✖ Hansen, Ira (Nay)
- ✖ Hardy, Joseph (Nay)
- ✔ Harris, Dallas (Yea)
- ✖ Kieckhefer, Ben (Nay)
- ✔ Ohrenschall, James (Yea)
- ✔ Parks, David (Yea)
- ✖ Pickard, Keith (Nay)
- ✔ Ratti, Julia (Yea)
- ✔ Scheible, Melanie (Yea)
- ✖ Seevers Gansert, Heidi (Nay)
- ✖ Settelmeyer, James (Nay)
- ✔ Spearman, Pat (Yea)
- ✔ Washington, Marcia (Yea)
- ✔ Woodhouse, Joyce (Yea)

Yea: 13

Nay: 8

Excused: 0

Not Voting: 0

Absent: 0

Assembly Joint Resolution No. 2–
Committee of the Whole

FILE NUMBER.....

ASSEMBLY JOINT RESOLUTION—Proposing to amend the Nevada Constitution to revise provisions governing the rate of the tax upon the net proceeds of minerals extracted in this State.

Legislative Counsel's Digest:

Under the Nevada Constitution, the Legislature must impose a tax upon the net proceeds of minerals extracted in this State at a rate not to exceed 5 percent of the net proceeds. (Nev. Const. Art. 10, § 5) The Nevada Constitution also: (1) requires the Legislature to appropriate to each county an amount equal to the net proceeds of the minerals taxed in each taxing district in the county multiplied by the property tax rate imposed in that taxing district; and (2) requires the apportionment of that amount among the governmental units and districts in the county in the same proportion that property taxes are distributed among those governmental units and districts.

This resolution proposes to amend the Nevada Constitution to: (1) increase from 5 to 12 percent the maximum rate of the tax on the net proceeds of minerals extracted in this State; and (2) establish the minimum rate of the tax on the net proceeds of minerals extracted in this State as the property tax rate imposed in the taxing district in which the extractive operation is located.

EXPLANATION – Matter in ***bolded italics*** is new; matter between brackets ~~[omitted material]~~ is material to be omitted.

RESOLVED BY THE ASSEMBLY AND SENATE OF THE STATE OF NEVADA, JOINTLY, That Section 5 of Article 10 of the Nevada Constitution be amended to read as follows:

Sec. 5. 1. The legislature shall provide by law for a tax upon the net proceeds of all minerals, including oil, gas and other hydrocarbons, extracted in this state, at a rate not ***less than the rate of tax levied upon the assessed valuation of real property in the taxing district in which the extractive operation is located and not*** to exceed ~~[5]~~ ***12*** percent of the net proceeds. No other tax may be imposed upon a mineral or its proceeds until the identity of the proceeds as such is lost.

2. The legislature shall appropriate to each county that sum which would be produced by levying a tax upon the entire amount of the net proceeds taxed in each taxing district in the county at the rate levied in that district upon the assessed valuation of real property. The total amount so appropriated to each county must be apportioned among the respective governmental units and districts within it, including the county itself and the school district, in the same

proportion as they share in the total taxes collected on property according to value.

3. Each patented mine or mining claim must be assessed and taxed as other real property is assessed and taxed, except that no value may be attributed to any mineral known or believed to underlie it, and no value may be attributed to the surface of a mine or claim if one hundred dollars' worth of labor has been actually performed on the mine or claim during the year preceding the assessment.

And be it further

RESOLVED, That this resolution becomes effective upon adoption.

20 ~~~~~ 20

AB4
AJR1
AJR2
ACR1
AR1
AR2
AR3
AR4
Senate Bills (11)
Sponsored By (22)
Previous Session Bills (0)

Date: Sunday, August 2, 2020

Votes:

All: 42

- ✔ Assefa, Alexander (Yea)
- ✔ Backus, Shea (Yea)
- ✔ Benitez-Thompson, Teresa (Yea)
- ✔ Bilbray-Axelrod, Shannon (Yea)
- ✔ Carlton, Maggie (Yea)
- ✔ Carrillo, Richard (Yea)
- ✔ Cohen, Lesley (Yea)
- ✔ Daly, Skip (Yea)
- ✔ Douglass-Boone, Kasina (Yea)
- ✔ Duran, Bea (Yea)
- ✖ Edwards, Chris (Nay)
- ✖ Ellison, John (Nay)
- ✔ Flores, Edgar (Yea)
- ✔ Frierson, Jason (Yea)
- ✔ Fumo, Ozzie (Yea)
- ✔ Gorelow, Michelle (Yea)
- ✖ Hafen, Gregory (Nay)
- ✖ Hambrick, John (Nay)
- ✖ Hansen, Alexis (Nay)
- ✖ Hardy, Melissa (Nay)
- ✔ Jauregui, Sandra (Yea)
- ✖ Kramer, Al (Nay)
- ✖ Krasner, Lisa (Nay)
- ✖ Leavitt, Glen (Nay)
- ✔ Martinez, Susie (Yea)
- ✔ McCurdy, William (Yea)
- ✔ Miller, Brittney (Yea)
- ✔ Monroe-Moreno, Daniele (Yea)
- ✔ Munk, Connie (Yea)
- ✔ Neal, Dina (Yea)
- ✔ Nguyen, Rochelle (Yea)
- ✔ Peters, Sarah (Yea)
- ✖ Roberts, Tom (Nay)
- ✔ Smith, Greg (Yea)
- ✔ Spiegel, Ellen (Yea)
- ✔ Swank, Heidi (Yea)
- ✖ Titus, Robin (Nay)
- ✖ Tolles, Jill (Nay)
- ✔ Torres, Selena (Yea)
- ✔ Watts, Howard (Yea)
- ✖ Wheeler, Jim (Nay)
- ✔ Yeager, Steve (Yea)

Date: Sunday, August 2, 2020

Votes:

All: 21

- ✔ Brooks, Chris (Yea)
- ✔ Cancela, Yvanna (Yea)
- ✔ Cannizzaro, Nicole (Yea)
- ✔ Denis, Moises (Yea)
- ✔ Dondero Loop, Marilyn (Yea)
- ✖ Goicoechea, Pete (Nay)
- ✖ Hammond, Scott (Nay)
- ✖ Hansen, Ira (Nay)
- ✔ Hardy, Joseph (Yea) R
- ✔ Harris, Dallas (Yea)
- ✖ Kieckhefer, Ben (Nay)
- ✔ Ohrenschall, James (Yea)
- ✔ Parks, David (Yea)
- ✖ Pickard, Keith (Nay)
- ✔ Ratti, Julia (Yea)
- ✔ Scheible, Melanie (Yea)
- ✖ Seevers Gansert, Heidi (Nay)
- ✖ Settelmeyer, James (Nay)
- ✔ Spearman, Pat (Yea)
- ✔ Washington, Marcia (Yea)
- ✔ Woodhouse, Joyce (Yea)

Yea: 14

Nay: 7

Excused: 0

Not Voting: 0

Absent: 0

KIRKWOOD
Oil & Gas LLC

120 S. Durbin • P.O. Box 2850 • Casper, WY 82602
(307) 265-5178 • Fax (307) 265-1791

September 3, 2020

Mr. Arthur Henderson
Commission on Mineral Resources
400 W. King Street, Suite 106
Carson City, NV 89703

Re: Comments on AJR1, AJR2 & SJR1
Nevada Legislature

SENT VIA EMAIL and MAIL 9-3-2020
ndom@minerals.nv.gov

Dear Mr. Henderson:

Kirkwood Oil and Gas LLC hereby submits these comments to you as the oversight commission for the state oil and gas regulatory agency and requests you make these comments available to Nevada Legislators considering an increase on taxes levied on the oil and gas industry under AJR1, AJR2 & SJR1.

Kirkwood Oil and Gas, LLC and its affiliate, Wesco Operating, Inc., are part of a family owned Wyoming company that employs over 50 people including some in Nevada. The Company operates over 600 producing wells in the States of Nevada, Utah, Wyoming, North Dakota, Montana and Colorado. In addition to operating existing producing wells, the company's exploration division develops new drilling prospects. These new drilling prospects involve a great amount of risk capital but the company feels finding new oil and gas reserves is vital to its future. Several of these new drilling prospects are located in Nevada where the company holds over 100,000 acres of federal oil and gas leases. As you are aware, the State of Nevada receives half the royalty on federal leases in addition to the collection of taxes. The company has a vested interest in the consideration of AJR1, AJR2 & SJR1 which would effectively raise the taxes we already pay on oil and gas production in the state of Nevada. Passage of these bills would negatively impact the company's ongoing efforts in Nevada.

SJR1 and AJR1 seek to change the net proceeds tax into a gross proceeds tax, and change the rate from a scalable figure capped at 5% to a flat 7.75%. AJR2 seeks to change the net proceeds tax cap from 5% to 12%.

If Kirkwood were to be taxed on its gross proceeds instead of its net proceeds, it must pay taxes even when producing at a loss. During hard times such as those seen recently, Kirkwood can continue to operate with the knowledge that a heavy tax bill isn't going to punish us for continuing production. As a consequence of the bills, Kirkwood will have to

consider shutting in its production, thus depriving the state and counties of any tax and royalty revenue whatsoever.

The bills also have the consequence of offsetting the budget for any improvements made to our producing fields. The additional tax burden will deprive Kirkwood of revenue that otherwise would be used to improve the performance of existing wells which would be a benefit to tax and royalty revenue.

Kirkwood is a small operator with a low margin, and the burdens of responsibly operating an oilfield in Nevada are such that with additional taxes and high costs for repair and improvement, the life of an oil and gas field is significantly reduced to the point that Kirkwood would have to consider permanently abandoning its wells. This action also puts an end to the jobs of our employees and also jeopardizes local service companies that rely on our work.

Some may maintain that gold mines can shoulder this additional burden but the bills have consequences of stifling oil and gas production proceeds to the state. According to our operations engineer, under the current market conditions, this additional tax burden equates to 45% of our fuel costs on lease, which is already the highest operating cost. Using another metric, considering 2019-2020 taxes as an example, SJR1/AJR1 would increase our taxes by 2,109%.

For the reasons stated above, Kirkwood Oil and Gas LLC urges you to convince Nevada Legislators not to adopt AJR1, AJR2 or SJR1 to place additional taxes on the oil and gas industry. Kirkwood appreciates the opportunity to submit the above comments. In the event you have any questions or require additional information regarding the statements made herein, please do not hesitate to contact me.

Very truly yours,

D. Steven Degenfelder
Land Manager

Cc: The Honorable Steve Sisolak, Governor – http://gov.nv.gov/Forms/Share/

Nye County Commission jkoenig@co.nye.nv.us
Eureka County Commission jgoicoechea@eurekacountynv.gov

III. C AGENCY EDUCATION AND OUTREACH IN THE NEW NORMAL

Education & Outreach

Adapting during the Pandemic

Commission on Mineral Resources Meeting

17 September, 2020

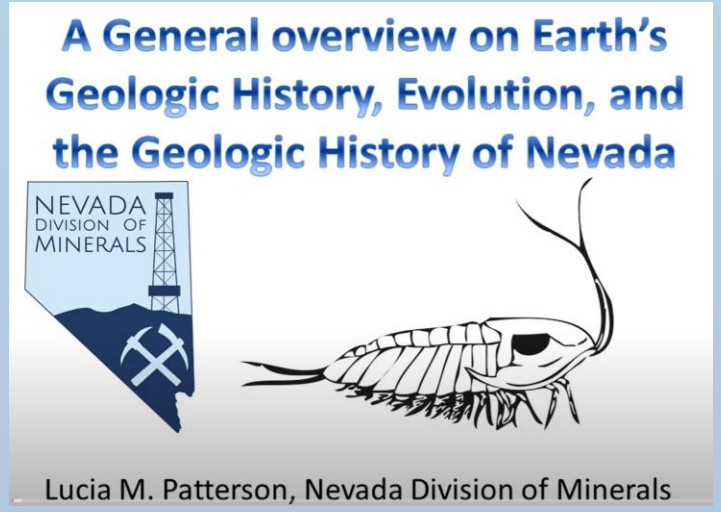
Rebecca Ely
Nevada Division of Minerals
rely@minerals.nv.gov
Minerals.nv.gov

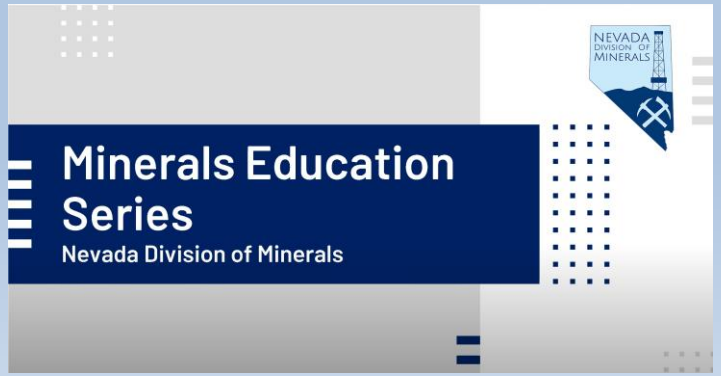
Overview

- Modified Lessons to Digital Format
- CHOLLA
- CCSD Learns- Summer Connection
- Classroom Cast
  - Vegas PBS
- Virtual Teachers Workshop
- Moving Forward

Lessons in Support of Distance Education

- Early on NDOM team started making videos to support virtual learning
  - 11 videos and more in production
  - Available to view on *multiple* platforms:
    - NDOM website
    - NDOM Open Data Site
    - NDOM YouTube Channel
    - CHOLLA website
    - Multiple CCSD platforms
      - Summer Connections - CCSD Learns
      - Classroom Cast





CHOLLA

- *Special Session Summertime Meetings*
  - Presenters from school district
  - Members share experiences
  - Distance learning Videos
  - Support and Guidance

Clark County School District Summer Connections-CCSD Learns

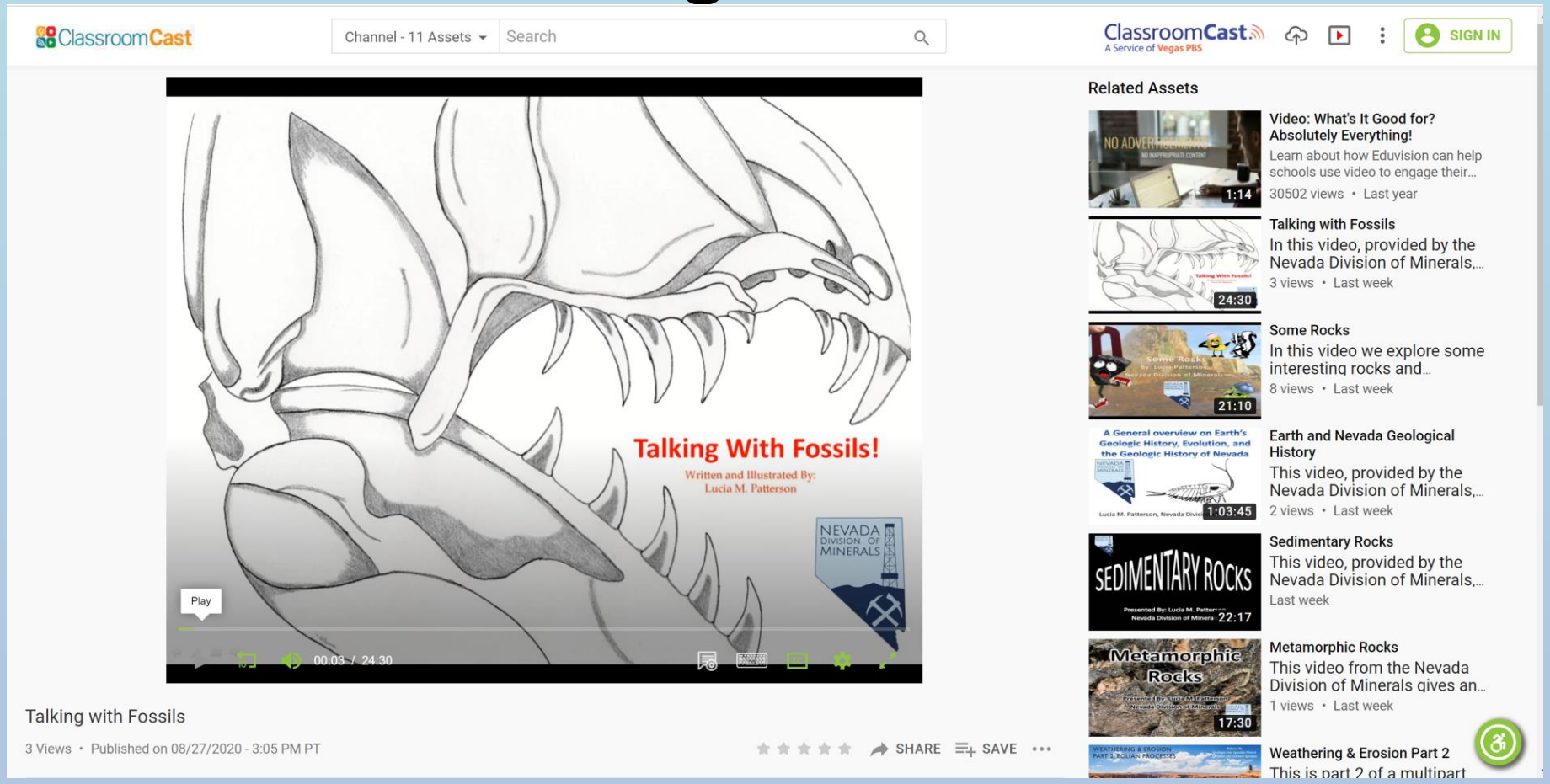
Summer Partnership Connections

Clark County School District partners provide many opportunities that can enhance and enrich learning for all ages. The list below provides brief information and links to access these resources. We encourage you all to continue your at-home learning while virtually visiting these sites.

Summer Partnership Connections

http://ccsdlearns.ccsd.net/summer-connections/

Classroom Cast
Vegas PBS



- Classroom Cast is a service provided by Vegas PBS
- Teachers can use for synchronous learning or assign for asynchronous learning
- Eliminates concern of exposing students to unintended content
- Content approved prior to going live

https://0145-schcompp.eduvision.tv/Default

Virtual Teachers Workshop

- Collaboration between Colorado Mining Association Education Foundation, Nevada Mining Association, and NDOM
- Colorado to supply online platform
  - Normally host hybrid workshop
  - Since 1968, All About Mining course has been accredited and approved by the Colorado School of Mines

https://allaboutmining.org/

Moving Forward

- Continue to produce online content
- Organize live virtual events
  - Ask-a-Geologist
  - Career Day Presentations
- CCSD New Teacher Symposium
  - October 17, 2020
  - 3 Breakout sessions
  - “Make it Matter”
  - >1100 New teachers
  - Opportunity to share digital resources

Thank You!

Questions?

IV. OLD BUISNESS

IV. A PRESENTATION OF AGENCY SUBMITTED BUDGET FOR FISCAL YEARS 2022/2023

Budget Building Process

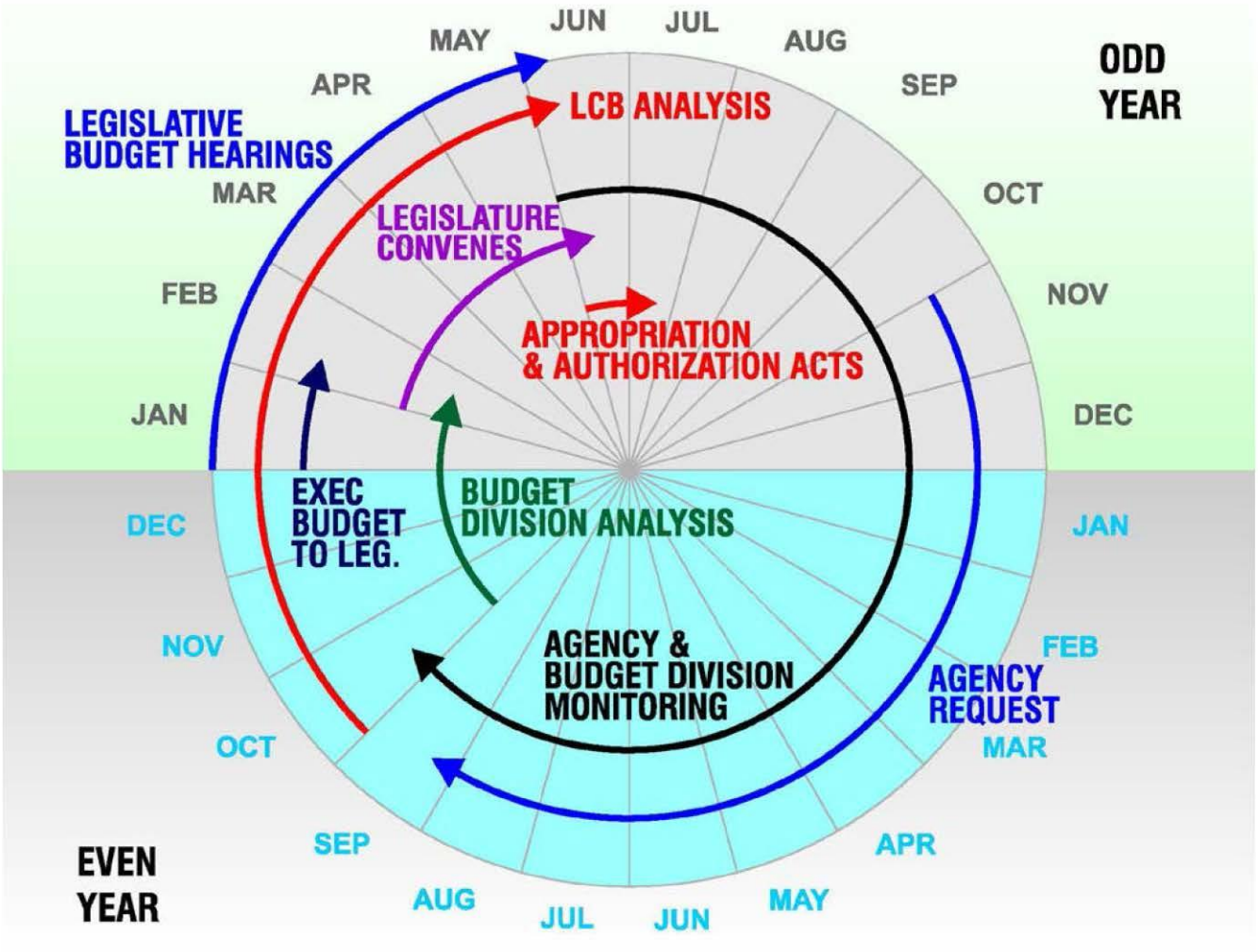
FY 22-23

Valerie Kneefel – Program Officer II

Timelines for FY 22/23 Budget

- Nevada Executive Budget System open-3/13/20
- Technology Investment Notifications (TIN) due-4/6/20
- End of FY-20 Base Year- 6/30/20
- Base Year=This is the starting point for FY22-23
- Single Fiscal Year End Closings due- 8/31/20
- Agency Submitted Budget due-9/1/20 at 4:00 pm
- Governor's Finance office and LCB fiscal make adjustments and can only be done by these agencies. There will be several inquiries by either agency requiring responses and documentation.
- Governor Recommends Budget to Legislature-01/15/21

Biennial Budget Cycle



Major Budget Elements

Revenues

- Fees (Mining Claims, Fluid Minerals & Surface Disturbance)
- Grants (Assistance Agreements-BLM)

Expenditures

- Personnel
- General Operating
- Special Projects
- Equipment and other costs
- Specific Program operations (AML & Fluid Minerals)

Reserves

- Reserve categories are not considered an expenditure category. A work program must be submitted and approved in order to transfer the any amount of the reserve to an expenditure category.

Budget Preparation for NEBS

- Travel and training logs
- Contract Information
- EITS Utilization Information
- Equipment Schedule
- Building Lease information
- Vehicle/Truck information-Fleet Service and Agency Owned
- Modifications changes to base
- Fund Maps

DIVISION OF MINERALS

CAT 02 FY-20 OUT-OF-STATE TRAVEL

MAINTENANCE M150

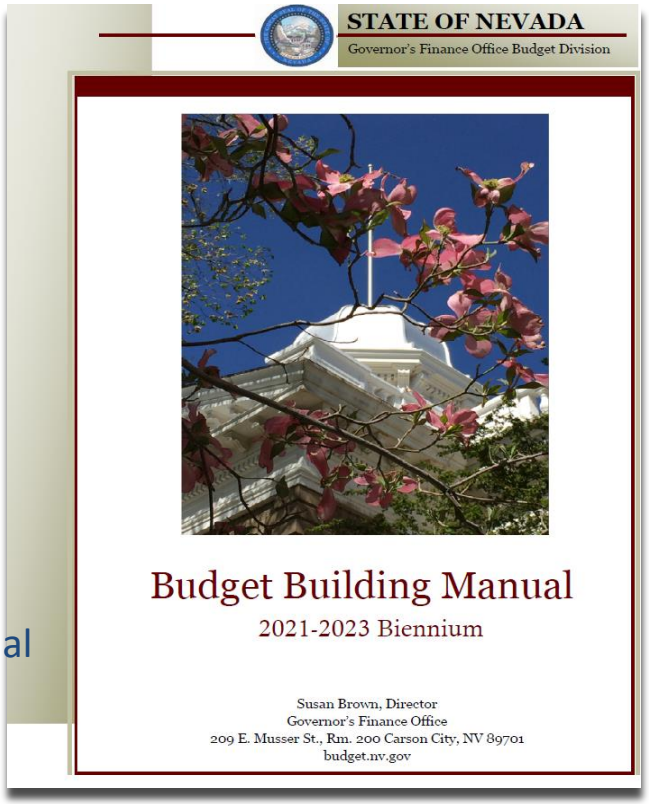
					COST					
					6100	6115	6130	6140	6150	
Position Title	FY22	FY-23	Destination	Purpose	Per Diem	Non-MP	Ground	Pers Veh	Air	Total
hief of Mining egulation	Remove	Remove	PA	National Association of Abandoned Mine Land Programs (**NAAMLP**)	-623.50		-46.21			-669.71
hief of Dangerous Mines nd Field Specialist	ADD	ADD	PA	National Association of Abandoned Mine Land Programs (**NAAMLP**)					948.00	948.00
dministrator	ADD		Spokane, WA	American Exploration & Mining Association (**AEMA**)	789.36		22.00	75.00	181.96	1,068.32
ield Specialist	ADD		Spokane, WA	American Exploration & Mining Association (**AEMA**)	789.36		22.00	75.00	181.96	1,068.32
dministrator	ADD	ADD	Vancouver, Canada	Association for Mineral Exploration (**AME**)-Roundup	1,569.06		15.00		296.70	1,880.76
luids Manager	ADD	ADD	Oklahoma	Interstate Oil and Gas Compact Commisssion (**IOGCC**)	755.00		134.80	80.00		969.80
					3,279.28	0.00	147.59	230.00	1,608.62	5,265.49
				FY22(Year 1)	3,279.28	0.00	147.59	230.00	1,608.62	
				FY23(Year 2)	1,700.56	0.00	103.59	80.00	1,244.70	

Adding Additional Person to AME/Roundup
Adding per diem to
OGCC. It was cancelled due to COVID-19
Adding Out of State Commercial Airline to NAAMLP for 2 people
Subtracting one person to NAAMLP. Only need 2 people attending
Adding AEMA to Spokane WA for 2 people for FY-22 only

FY-20 Base Year

- Personnel
  - Changes in staff-Administrator, Deputy Admin, Chief AML
  - Full Time staffing at 11
  - 2 Summer Interns instead of 8 (Add costs to true up in FY22-23)
- Special Projects
  - NBMG 2-year agreement for reports and archiving $90K/yr
  - NvMA Teachers Workshop supplies and buses - $12K/yr (Approved for $15K-add $3K to FY22-23)
  - PDAC Trade Booth – $25K/yr + travel for 2 staff
  - AME-Roundup in Canada-$1700 travel + booth (Add $4000)
- AML Enhancement – Hard closure work
  - FY20: $740K Adding $60K for FY22-23

General Budget Rules


STATE OF NEVADA
Governor's Finance Office Budget Division

Budget Building Manual
2021-2023 Biennium

Susan Brown, Director
Governor's Finance Office
209 E. Musser St., Rm. 200 Carson City, NV 89701
budget.nv.gov

- Every even year's actuals is the base for the next Budget
- Budgeting for two fiscal years
- Any change to the budget must be:
  - Documented (M-150, E-710 or other)
  - Justified
    - Explanation with reasoning
    - CMR or other approval
    - Quotes
    - Relations to NACs or State Administrative Manual
  - Funded
    - Document funding source
- Cannot budget for cost allocations. (Personnel, Attorney General Office, Mail, EITS)
- Approved at 3 levels
  - Agency
  - Governor's Finance Office
  - Legislature
- Actual Budget Manual 170 pages
- Expenditures must be attached to an Activity that meets the Governors strategic priorities.

Nevada Executive Budget System (NEBS)
(Online demonstration will be provided during the meeting)

Home | NEBS | Activity Budget | Work Programs | SFYE | Reports | DataMart | Messages

Budget Account Line Item Summary

Budget Account Line Item Summary

Budget Period: 2021-2023 Biennium (FY22-23)

Budget Account: 4219 DIVISION OF MINERALS

Version: A00 AGENCY REQUEST AS SUBMITTED

Summary | Line Items | Schedules | Positions | Mapping | Acct. Maint.

View: Decision Unit | Category | GL | Bud Acct by DU

Catg	Description	Grp	Actual	Work Pgm	Year 1	Year 2
00	REVENUE	REV	4,354,955	4,191,262	4,601,146	4,075,961
01	PERSONNEL	EXP	1,180,535	1,282,924	1,329,724	1,333,312
02	OUT-OF-STATE TRAVEL	EXP	18,098	16,438	23,364	21,228
03	IN-STATE TRAVEL	EXP	7,777	12,325	12,049	12,900
04	OPERATING EXPENSES	EXP	117,537	113,033	114,896	115,136
05	EQUIPMENT	EXP	4,875	0	1,297	1,706
08	BOARD TRAVEL	EXP	3,356	6,409	7,128	7,128
09	SPECIAL PROJECTS	EXP	154,226	130,717	136,382	136,382
14	LAS VEGAS OFFICE	EXP	43,030	35,687	40,889	41,751
17	FLUID MINERALS	EXP	8,352	10,319	11,606	11,606
18	ABANDONED MINE LAND SUPPORT	EXP	140,938	145,900	216,675	218,502
26	INFORMATION SERVICES	EXP	14,380	18,308	30,856	29,366
30	TRAINING	EXP	4,151	4,840	5,966	5,802
39	ABANDONED MINE LAND ENHANCEMENTS	EXP	740,135	500,000	800,000	800,000
40	AML CONFERENCE	EXP	4,315	0	231,840	0
86	RESERVE	EXP	1,871,714	1,818,277	1,542,389	1,245,057
87	PURCHASING ASSESSMENT	EXP	4,827	10,150	10,150	10,150
88	STATE COST ALLOCATION	EXP	31,966	30,938	30,938	30,938
89	AG COST ALLOCATION	EXP	4,743	54,997	54,997	54,997
		Total Revenue	4,354,955	4,191,262	4,601,146	4,075,961
		Total Expenditures	4,354,955	4,191,262	4,601,146	4,075,961
		Difference	0	0	0	0

NEBS - Nevada Executive Budget System
Nevada Executive Budget System

Home | NEBS | Activity Budget | Work Programs | SFYE | Reports | Datamart | Messages

Budget Account Line Items

Budget Account Version: 2021-2023 Biennium (FY22-23) › 4219 DIVISION OF MINERALS › A00 AGENCY REQUEST AS SUBMITTED

Summary | Line Items | Schedules | Positions | Mapping | Acct. Maint.

Add Line Item | Decision Unit: Display All Decision Units | Synchronize Actuals to DAWN | Edit Actual/WP | Reserves | Highlight Changes

Action	DU	Catg	GL	Description	Actual	Work Pgm	Year 1	Change	Year 2	Change	Schedule
	B000	00	2511	BALANCE FORWARD FROM PREVIOUS YEAR	1,597,307	1,871,714	1,818,277	0	2,051,157	0	- None -
	M100	00	2511	BALANCE FORWARD FROM PREVIOUS YEAR			0	0	-54,523	0	- None -
	M150	00	2511	BALANCE FORWARD FROM PREVIOUS YEAR			0	0	-158,419	0	- None -
	E710	00	2511	BALANCE FORWARD FROM PREVIOUS YEAR			0	0	-15,320	0	- None -
	E711	00	2511	BALANCE FORWARD FROM PREVIOUS YEAR			0	0	-333	0	- None -
	B000	00	3578	FED BLM CORPORATIVE AGREEMENT	158,469	130,494	158,469	0	158,469	0	- None -
	M150	00	3578	FED BLM CORPORATIVE AGREEMENT			-158,469	0	-158,469	0	- None -
	B000	00	3580	USFS ASSISTANCE AGREEMENT	10,772	8,397	10,772	0	10,772	0	- None -
	M150	00	3580	USFS ASSISTANCE AGREEMENT			0	0	-10,772	0	- None -
	B000	00	3654	OIL AND GAS PERMITS AND FEES	37,907	40,016	37,907	0	37,907	0	- None -
	B000	00	3717	APPLICATION FEES	3,300	6,500	3,300	0	3,300	0	- None -
	B000	00	3718	MINING REGULATION FEES	1,268,490	1,076,604	1,268,490	0	1,268,490	0	- None -
	B000	00	3727	DANGEROUS MINE FEES	845,660	717,736	845,660	0	845,660	0	- None -
	B000	00	3736	GEOTHERMAL FEES	160,800	157,550	160,800	0	160,800	0	- None -
	B000	00	3740	DISSOLVED MINERAL RES EXPL		10,000	0	0	0	0	- None -
	M150	00	3740	DISSOLVED MINERAL RES EXPL			10,000	0	10,000	0	- None -
	B000	00	3770	AML SECURING FEE	81,740	51,567	81,740	0	81,740	0	- None -
	B000	00	3801	CLARK COUNTY AML PROGRAM	50,460		50,460	0	50,460	0	- None -
	M150	00	3801	CLARK COUNTY AML PROGRAM			-50,460	0	-50,460	0	- None -
	B000	00	3805	NAAMLP CONFERENCE	11,000		11,000	0	11,000	0	- None -
				Total Revenue	4,354,955	4,191,262	4,601,146		4,356,134		
				Total Expenditures	4,354,955	4,191,262	4,601,146		4,356,134		
				Difference	0	0	0		0		

Save | Save & Return | Cancel

Line Items

Maintenance to Base (Adjustments)

xecutive Budget System
Budget System

Activity Budget | Work Programs | SFYE | Reports | Datamart | Messages

t Line Items

2021-2023 Biennium (FY22-23) › 4219 DIVISION OF MINERALS › A00 AGENCY REQUEST AS SUBMITTED

ms | Schedules | Positions | Mapping | Acct. Maint.

ision Unit: M150 ADJUSTMENTS TO BASE | Synchronize Actuals to DAWN | Edit Actual/WP | Reserves | Highlight Changes

Catg	GL	Description	Actual	Work Pgm	Year 1	Change	Year 2	Change	Schedule
00	3740	DISSOLVED MINERAL RES EXPL			10,000	0	10,000	0	- None -
00	3801	CLARK COUNTY AML PROGRAM			-50,460	0	-50,460	0	- None -
00	3805	NAAMLP CONFERENCE			227,525	0	-11,000	0	- None -
00	4252	EXCESS PROPERTY SALES			-3,375	0	-3,375	0	- None -
01	5170	SEASONAL			130,548	0	130,548	0	- None -
01	5440	PERSONNEL SUBSIDY COST ALLOCATION			-4,793		-4,793		ADMINISTRATION - PERSONNEL SUBSIDY COST ALLOCATION
01	5960	TERMINAL SICK LEAVE PAY			-15,737	0	-15,737	0	- None -
01	5970	TERMINAL ANNUAL LEAVE PAY			-2,377	0	-2,377	0	- None -
02	6100	PER DIEM OUT-OF-STATE			3,279	0	1,701	0	- None -
02	6130	PUBLIC TRANS OUT-OF-STATE			148	0	104	0	- None -
02	6140	PERSONAL VEHICLE OUT-OF-STATE			230	0	80	0	- None -
02	6150	COMM AIR TRANS OUT-OF-STATE			1,609	0	1,245	0	- None -
03	6200	PER DIEM IN-STATE			3,184	0	3,656	0	- None -
08	6200	PER DIEM IN-STATE			1,136	0	1,136	0	- None -
17	6200	PER DIEM IN-STATE			2,214	0	2,214	0	- None -
18	6200	PER DIEM IN-STATE			18,608	0	18,608	0	- None -
18	6211	FS MONTHLY VEHICLE RENTAL IN-STATE			9,026		9,026		FLEET SERVICES VEHICLES
03	6230	PUBLIC TRANSPORTATION IN-STATE			35	0	35	0	- None -
03	6240	PERSONAL VEHICLE IN-STATE			5	0	80	0	- None -
08	6240	PERSONAL VEHICLE IN-STATE			640	0	640	0	- None -
03	6250	COMM AIR TRANS IN-STATE			898	0	1,202	0	- None -
		Total Revenue	0	0	25,221		-382,495		
		Total Expenditures	0	0	25,221		-382,495		
		Difference	0	0	0		0		

Save | Save & Return | Cancel

This is where all changes to the base budget take place. These are Categories and GL's that already are established, and adjustments either plus or negative are made.

Commission on Mineral Resources
Division of Minerals
B/A 4219 SFY2022 (Year 1)
Pending Legislature Approved Budget

			3578	3580	3654	3717	3718	3727	3736	3740	3770	3801	3805	4011	4027	4252	4311	4326	4620	4669			M100	M150	E225	E710	E711	
Yr 1		REVENUE:	Fed BLM Grant	Fed USFS Grant	Oil & Gas Permit/ Fee	Application Fees	Mining Claim Fees	Dangerous Mine Fee	Geothermal Fees	Dissolved Min Res Expl	AML Securing Fees	Clark County AML Prgm	NAAMLP Conf	Printing Sales	Publication Sales	Excess Property Sales	Medallion Royalty Income	Treasurer's Interest	Trans from Recl Bond Pool BA	Trans From Other B/A same	Total	Base NEBS	Statewide Inflation	Adjustments to Base	Efficiency and Innovation	Equipment Replacement	Vehicle Equipment Replacement	Adjusted Base NEBS
B000		Revenue	158,469	10,772	37,907	3,300	1,268,490	845,660	160,800		81,740	50,460	11,000	27	1,210	3,375	1,304	40,990	80,793	1,351	2,757,648							
2511		Beginning Cash			-		1,090,966	727,311					-					-			1,818,277							
E225		Efficiency and Innovation											227,525								227,525				227,525			
M150		Adustments to Base	(158,469)							10,000		(50,460)				(3,375)					(202,304)			(202,304)				
		SubTotal	-	10,772	37,907	3,300	2,359,456	1,572,971	160,800	10,000	81,740	-	238,525	27	1,210	-	1,304	40,990	80,793	1,351	4,601,146							
		EXPENDITURES:																										
01		Personnel Services			33907	3300	563854	417129	159194									30000	80793		1,288,177	1180536		107641				1288177
02		Out of State Travel					23363														23,363	18097		5266				23363
03		In State Travel					12049														12,049	7777		4272				12049
04		Operating			4000		110879							27							114,906	117537		(2631)				114906
05		Equipment					1297														1,297	4875		(4875)		1297		1297
08		Board Travel					7078														7,078	3356		3722				7078
09		Special Project					136382														136,382	154226		(17844)				136382
14		Las Vegas Office					40891														40,891	43032		(2141)				40891
17		Fluid Minerals							1606	10000											11,606	8352		3254				11606
18		AML Support						134324			81740			1210							217,274	140935		33849			42490	217274
26		Information Services					30919														30,919	14380	26	2490		14023		30919
30		Training					5966														5,966	4151		1815				5966
39		Abandoned Mine Land Enhancement		10772			250149	537775									1304				800,000	740135		59865				800000
40		AML Conference											231840								231,840	4315			227525			231840
86		Reserve					1080544	483743					6685					10990		1351	1,863,486	1863486						1863486
87		Purchasing Assessment					10150														10,150	4827	5323					10150
88		Statewide Cost Allocation					30938														30,938	31966	(1028)					30938
89		Attorney General Cost Allocation					54997														54,997	4743	50254					54997
		SubTotal	-	10,772	37,907	3,300	2,359,456	1,572,971	160,800	10,000	81,740	-	238,525	27	1,210	-	1,304	40,990	80,793	1,351	4,601,146		54575	(7621)	455050	15320	42490	5160960

Commission on Mineral Resources
Division of Minerals
B/A 4219 SFY2023 (Year 2)
Pending Legislature Approved Budget

			3578	3580	3654	3717	3718	3727	3736	3740	3770	3801	3805	4011	4027	4252	4311	4326	4620	4669			M100	M150	E225	E710	E711	
Yr 2		REVENUE:	Fed BLM Grant	Fed USFS Grant	Oil & Gas Permit/Fee	Application Fees	Mining Claim Fees	Dangerous Mine Fee	Geothermal Fees	Dissolved Min Res Expl	AML Securing Fees	Clark County AML Prgm	NAAMLP Conf	Printing Sales	Publication Sales	Excess Property Sales	Medallion Royalty Income	Treasurer's Interest	Trans from Recl Bond Pool BA 4220	Trans From Other B/A same fund	Total	Base NEBS	Statewide Inflation	Adjustments to Base	Efficiency and Innovation	Equipment Replacement	Equipment Replacemne	Adjusted Base NEBS
B000		Revenue	158,469	10,772	37,907	3,300	1,268,490	845,660	160,800	0	81,740	50,460	11,000	27	1,210	3,375	1,304	40,990	80,793	1,351	2,757,648							
2511		Beginning Cash			-		1,230,694	820,463					-					-			2,051,157							
E225		Effeciency and Innovation											(11,000)								(11,000)				(11,000)			
M150		Adustments to Base	(158,469)	(10,772)						10,000		(50,460)				(3,375)					(213,076)			(213,076)				
		SubTotal	-	-	37,907	3,300	2,499,184	1,666,123	160,800	10,000	81,740	-	-	27	1,210	-	1,304	40,990	80,793	1,351	4,584,729							
		EXPENDITURES:																										
01		Personnel Services			26301	3300	588218	400371	159194									30000	80793		1,288,177	1180536		107641				1288177
02		Out of State Travel					21227														21,227	18097		3130				21227
03		In State Travel					12900														12,900	7777		5123				12900
04		Operating			11606		103513								27						115,146	117537		(2391)				115146
05		Equipment					1706														1,706	4875		(4875)		1706		1706
08		Board Travel					7078														7,078	3356		3722				7078
09		Special Project					136382														136,382	154226		(17844)				136382
14		Las Vegas Office					41753														41,753	43032		(1279)				41753
17		Fluid Minerals							1606	10000											11,606	8352		3254				11606
18		AML Support						134847			81740				1210		1304				219,101	140935		33236			44930	219101
26		Information Services					29429														29,429	14380	26	2490		12533		29429
30		Training					5802														5,802	4151		1651				5802
39		Abandoned Mine Land Enhancement						795685													795,685	740135		59865	(4315)			795685
40		AML Conference																			-	0						0
86		Reserve					1455091	335220										10990		1351	1,853,093	1853093						1853093
87		Purchasing Assessment					10150														10,150	4827	5323					10150
88		Statewide Cost Allocation					30938														30,938	31966	(1028)					30938
89		Attorney General Cost Allocation					54997														54,997	4743	50254					54997
		SubTotal	-	-	37,907	3,300	2,499,184	1,666,123	160,800	10,000	81,740	-	-	27	1,210	-	1,304	40,990	80,793	1,351	4,584,729		54575	(19353)	(15315)	14239	44930	4635170

Fund Map

Fund Maps are required for all budget submittals and all Work Programs detailing revenue and expenditures.

Budget Checklist

BUDGET PREPARATION CHECKLIST

Department:	Commission on Mineral Resources		
Division #:	500	Division:	Minerals
Budget Account #:	4219	Budget Account:	

Item #	Item Description	Submission Methodology	Location Entered in NEBS or Location of Attachment	Attached In NEBS	Reviewed/ Complete	Item Status
1	**Budget Submission Certification Letter** for each agency signed by the director, or board or commission chairman (with Title) with two-times budget limit calculation.	* REQUIRED - Email, fax or deliver to: Budget Division, copy your Budget and LCB fiscal Analysts			9/1/2020	Complete
2	**Organizational Charts** for each agency by programs and by FTE highlighing any program or FTE additions, deletions or changes	REQUIRED - Email, fax or deliver to: Budget Division and LCB Fiscal Analysis	NEBS Tab, Budget Account Screen, Additional Text Folder	7/6/2020	7/6/2020	Complete
3	**Budget Preparation Checklist**	Attachment in NEBS	NEBS Tab, Budget Account Screen, Additional Text Folder	9/1/2020	9/1/2020	Complete
4	**Fund Mapping** (In NEBS and provide Excel version)	Entered in NEBS & Attachment in NEBS	Mapping Tab & Excel Version attached to NEBS Tab, Budget	8/27/2020	8/27/2020	Complete
5	Update **Program Description** (prints in Executive Budget Book)	Entered in NEBS	NEBS Tab, Budget Account Screen, Additional Text Folder		8/20/2020	Complete
6	**Performance Measures**	Entered in NEBS	Activity Budget Tab, Activities Tab		8/20/2020	Complete
7	**Agency Methodology** used to track Performance Measures & Supporting Documentation	Entered in NEBS	Activity Budget Tab, Activities Tab		8/20/2020	Complete
8	Maintenance/Enhancement **Decision Unit Narrative** including Word/Excel supporting documentation and calculations	Entered in NEBS	Account Maintenance Tab, applicable Decision Unit		8/26/2020	Complete
9	**Prioritized Decision Units** at Department and Division Level	Entered in NEBS	Account Maintenance Tab		7/15/2020	Complete
10	**Agency Efficiency Option** Decision Unit	Entered in NEBS	Account Maintenance Tab		N/A	Complete
11	**Transfer Decision Units** - Reconcile	Entered in NEBS	E900 Series Decision Units		N/A	Complete
12	**M150 Notes** (Required for every line item)	Entered in NEBS	Line Item Tab, Filter M150 - Adjustments to Base		8/15/2020	Complete

Budget Prep Checklist

Budget_Preparation_Checklist - FINAL VERSION (1).xlsx

	A	B	C	D	E	F	G	H
21	15	**Demographics/Caseload** - narrative, methodology used and actual and projected caseloads by program		Attachment in NEBS	Account Maintenance Tab, applicable Maintenance Decision Unit (M800 Series)	N/A	N/A	Complete
22	16	**Agency Cost Allocation Plans**		Attachment in NEBS	Cost Allocation Maintenance Decision Unit (M800 Series)	N/A	N/A	Complete
23	17	**Travel Logs** & justification for Out-of-State, In-State & Training (all categories)		Attachment in NEBS	Account Maintenance Tab, BASE	8/1/2020	8/1/2020	Complete
24	18	**Justification for Positions Vacant** at least 12 months as of September 1st - required per NRS 353.210(b)		Attachment in NEBS	Account Maintenance Tab, BASE	N/A	N/A	Complete
25	19	**Business plan (if required)**		Attachment in NEBS	Account Maintenance Tab, applicable Decision Unit	N/A	N/A	Complete
26	20	**Excel Fund Map**		Attachment in NEBS	Account Maintenance Tab, applicable Decision Unit	8/27/2020	8/27/2020	Complete
27	21	**Position Fund Map**		Attachment in NEBS	Account Maintenance Tab, applicable Decision Unit	N/A	N/A	Complete
28	22	**Technology Investment Notification (TIN)**		Attachment in NEBS	Account Maintenance Tab, applicable Decision Unit	4/5/2020	4/5/2020	Complete
29	23	**Signed NPD-19s for new Positions and Reclassifications** (add decision unit number in right upper hand corner of		Attachment in NEBS	Account Maintenance Tab, applicable Decision Unit	N/A	N/A	Complete
30	24	State Public Works Division **New/Additional Space Request** (Leased Space form and Justification)		Attachment in NEBS	Account Maintenance Tab, applicable Enhancement Decision Unit	N/A	N/A	Complete
31	25	**Contract Summaries**		Attachment in NEBS	Schedules Tab, Vendor Schedule, applicable line item **	8/15/2020	8/15/2020	Complete
32	26	**Vendor Quotes**		Attachment in NEBS	Schedules Tab, Equipment Schedule, Applicable Equipment line item	8/15/2020	8/15/2020	Complete
33	27	**Fleet Services Monthly Mileage Log**		Attachment in NEBS	Schedules Tab, Fleet Services Vehicles Schedule	8/15/2020	8/15/2020	Complete
34	28	**Statewide Lease Information Form** for each BOE-approved existing lease agreement for non-state owned buildings		Attachment in NEBS	Schedules Tab, Bldg Rent Non-B&G Schedule, applicable line item **	8/15/2020	8/15/2020	Complete
35	29	**Equipment Replacement Schedule Inventory Log**		Attachment in NEBS	Schedules Tab, Equipment Schedule	8/15/2020	8/15/2020	Complete
36	30	Review **Agency-Owned Property and Contents Insurance Schedule**		Statewide Schedule			8/24/2020	Complete
37	31	Review **B&G-Owned Rent Schedule**		Statewide Schedule			8/24/2020	Complete
38	32	**Complete Position Reconciliation (Phase I and II) and Process payroll and all schedules a final time**		NEBS Tab, Positions & Schedules Tabs			7/15/2020	Complete
39	33	**Out-of-Balance Reports** - run all exception reports and correct any exceptions		Reports Tab, Exception Reports			8/27/2020	Complete
		Run the following reports and verify		Reports Tab, Budget Account Reports				

Budget Prep Checklist

Ready

Certification Letter

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/

STEVE SISOLAK
Governor

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

MICHAEL VISHER
Administrator

2021-2023 Biennial Budget Certification Letter

The Commission on Mineral Resources, Division of Minerals submitted our agency requested budget in accordance with the 2021-2023 Budget Instructions.

Budget Accounts included:
BA 4219

Agency Contact:
Michael Visher, Administrator – Division of Minerals, mvisher@minerals.nv.gov

By signing below, I certify that:

1. Narrative Information for all budget accounts under the department/agency listed above, including the program description, budget highlights, decision unit synopsis, and line item justification has been updated and/or added as necessary to properly reflect the budget being requested.
   ☒Yes ☐No ☐N/A

2. All fiscal information, including Base, Maintenance and Enhancement Decision Units has been added, updated and reconciled for all budget accounts under the department/agency listed above, to properly reflect the agency budget being requested.
   ☒Yes ☐No ☐N/A

3. We have complied with the Budget Request Limit per All Agency Memo.
   ☐Yes ☐No ☒N/A

4. Enhancement decisions units have been prioritized and include maintenance items to continue operations.
   ☒Yes ☐No ☐N/A

5. Supporting documentation, such as caseload statistics, is attached where appropriate and calculations have been provided where necessary to show how figures were derived.
   ☒Yes ☐No ☐N/A

6. Inter-departmental transfers (E-9xx) and intradepartmental transfers (M-8xx/E-8xx), including any cost allocations, have been reconciled to ensure the sending and receiving accounts balance to one another.
   ☒Yes ☐No ☐N/A

7. Fund Mapping has been completed at the:
   - Line Item, and
     ☒Yes ☐No ☐N/A
   - Activity.
     ☒Yes ☐No ☐N/A

8. Activity Budget has been updated to include:
   - Updated metrics for performance measures.
     ☒Yes ☐No ☐N/A
   - Updated population information.
     ☐Yes ☐No ☒N/A

9. Organizational Charts are attached or have been submitted separately:
   - By Position, and
     ☒Yes ☐No ☐N/A
   - By Program.
     ☐Yes ☐No ☒N/A

10. Requests for supplemental appropriations have been completed and include adequate justification, supporting documentation and calculations detailing how the amount was derived.
    ☐Yes ☐No ☒N/A

11. Budgetary Bill Draft Requests necessary to implement the requested budget have been submitted in NEBS and are properly referenced in the notes of the related decision unit(s).
    ☐Yes ☐No ☒N/A

12. Decision units submitted to address previously passed legislation, letters of intent from the 2019 Legislative Session, and/or to implement recommendations from LCB Audit or GFO's Division of Internal Audits have been included along with sufficient narrative explaining the issue being addressed.
    ☐Yes ☐No ☒N/A

Authorized Signature
(Commission Chairman)

September 1, 2020
Date

Randy Griffin; *Small-Scale Mining and Prospecting*
Mary Korpi, *Public at Large*
Arthur Henderson; *Oil and Gas*

Commission on Mineral Resources
Richard DeLong, *Chairman; Large-Scale Mining*

Nigel Bain; *Large-Scale Mining*
Robert Felder; *Exploration and Development*
Josh Nordquist; *Geothermal Resources*

Budget Process outside of our Agency's Control

These items may happen during the Governor's recommended budget or the Legislative Session:

- Furlough
- Merit Pay increase
- Cost of living adjustment's
- Allocations for Public Employee Benefit Program or Public Employee Retirement System

IV. B FLUID MINERALS ACTIVITY UPDATE

Oil, Geothermal, and Dissolved Minerals Activity During 2020

Leasing of Federally Managed Lands

Commission on Mineral Resources Meeting
September 17, 2020

Lowell Price
Fluid Minerals Program Manager
Nevada Division of Minerals

2020 OGG Permitting and Drilling Activity (through August 31, 2020)

Permit Type	Issued	Drilled	Issued	Drilled	Issued	Drilled	Issued	Drilled[1]
	2017	2017	2018	2018	2019	2019	2020	2020
Geothermal - Ind Prod	6	4	3	4	1	1	5	2
Geothermal - Ind Inj	4	4	1	1	3	2	1	1
Geothermal - Observation	3	1	3	3	1	1	4	---
Geothermal - TG	19	15	18	19	2	2	1	1
Geothermal - Com	---	---	---	---	---	---	---	---
Geothermal - Dom	2	2	---	---	---	---	---	---
Geothermal - Project Area	1	---	---	---	---	---	2	---
Geothermal - Total	35	26	25	27	7	6	13	4
Oil & Gas	0	1	3	1	3	1	2	2

Drilled[1]: one geothermal production and one oil well recently spudded

2020 Geothermal Permitting, Drilling Operations, and Sundry Notice Activity

Ormat Nevada

- Steamboat: completed the drilling of Steamboat Hills 83C(82)-6; spudded well in December, 2019; Steamboat Hills flash plant has been decommissioned; production from the 83C(82)-6 is part of the fluid feed into the new Steamboat Hills binary plant that went online on June 4, 2020.
- Dixie Meadows: one injection well permitted; drilled in March – April, 2020.
- Wild Rose: four observation wells and one production well permitted; wells have not been drilled.
- New York Canyon: one Project Area and one production well permitted; currently drilling the production well.
- Crescent Valley: one Project Area and two production wells permitted; wells have not been drilled.
- San Emidio: one injection well permitted in 2019 has not been drilled; two injection well permit applications have been submitted, waiting on BLM to complete EA and provide GDP approval.

Enel North America

- Salt Wells: one temperature gradient well; well was drilled in January, 2020.

Star Peak Geothermal (subsidiary of Open Mountain Energy)

- Rye Patch: one production well permitted; drilled in May – June, 2020.

Open Mountain Energy and Whitegrass 1 (subsidiary of Open Mountain Energy)

- Wabuska: eight temperature gradient well permit applications have been submitted, two on private property (under Whitegrass 1 LLC, subsidiary of Open Mountain Energy) and six on a federal lease (Open Mountain Energy).

2020 Geothermal Permitting, Drilling Operations, and Sundry Notice Activity (continued)

Cyrq Energy

- Blue Mountain 86(25-23)-22 observation well
- Fervo Energy (contractor), utilizing a DOE grant in part, stimulated four intervals successfully in July, 2020. Courtney Brailo and I witnessed the stimulation operations.

Forty-seven geothermal sundry notices were processed from January through August, 2020

2020 Oil Permitting, Drilling Operations, and Sundry Notice Activity

SAM Oil, White River Valley

- Permitted the 1-9 well in February, 2019
- The 1-9 well was drilled in April – May, 2020
    1. Sundry notice was submitted in September to re-enter the well for testing and possibly deepening to its approved total depth of 2,300 feet.
    2. Waiting on the BLM notification of approval.

Western Oil Exploration, Newark Valley

- Permitted the Nicole Scott Federal 25-1 and Scott Federal 35-1 wells on May 1, 2020.
- The Scott Federal 35-1 was spud on July 17, 2020.
- The BLM issued a drilling shutdown order to Western Oil Exploration for the Scott Federal 35-1 on 7/24/2020, and made the order effective on 7/27/2020; discussion to follow.

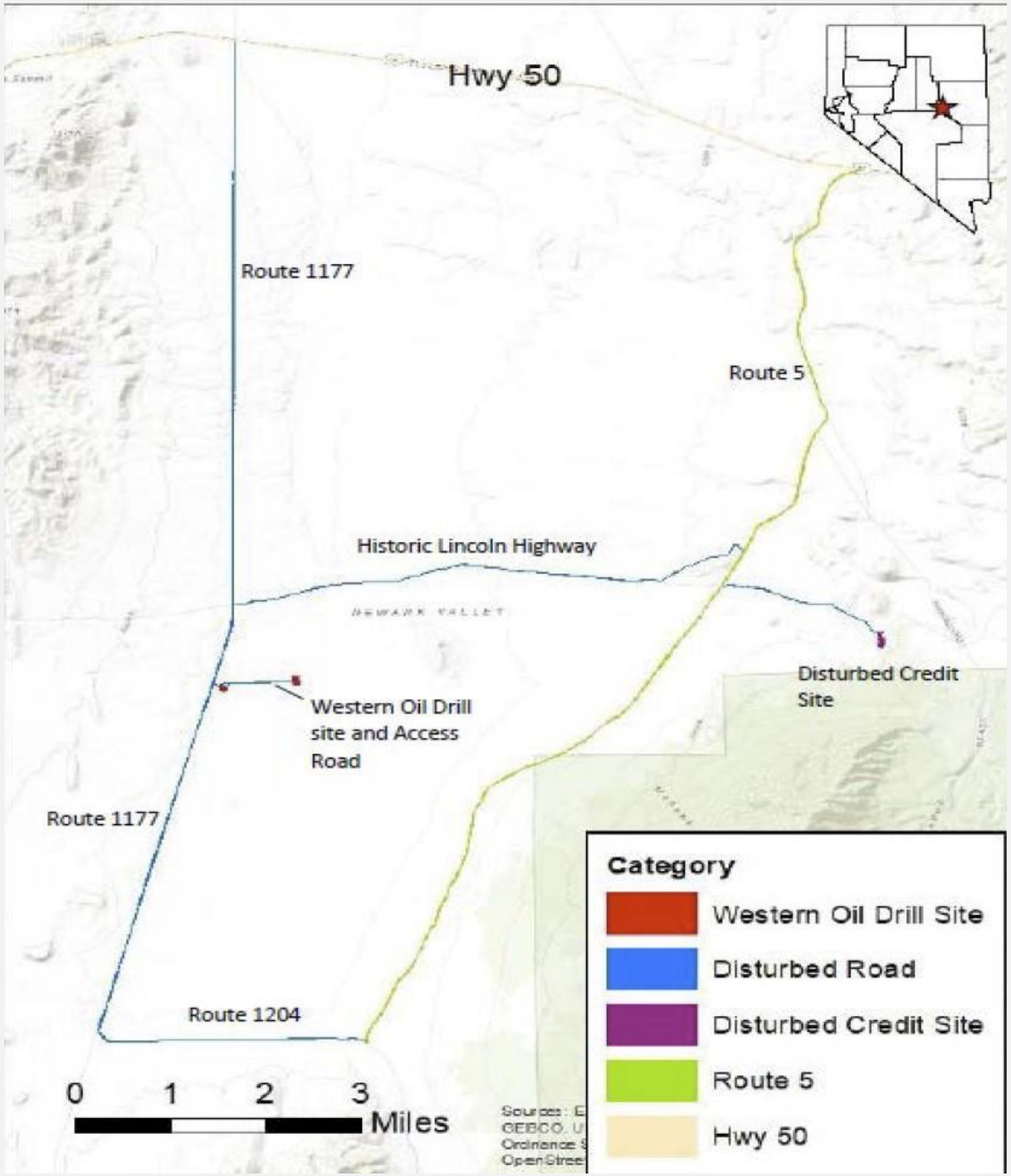
Major Oil International, Hot Creek Valley

- Major Oil International has submitted a drilling permit application for the Eblana 9 well; currently waiting for the BLM to approve the associated APD.

Seven sundry notices were processed from January through August, 2020

Western Oil Exploration

- BLM approved the Nicole Scott Federal 25-1 and the Scott Federal 35-1 in late April 2020.
- NDOM approved both permit applications in early May 2020.
- The Scott Federal 35-1 was spud on July 17th.
- The BLM issued a drilling shut down order on July 24th due to severe damage to the access road and drill pad, and too many housing units on the drill pad.
- Shut down order went into effect on July 27th after the original wellbore was plugged back from total depth into the surface casing.
- Well has been inactive since July 27th.
- Western Oil Exploration is in current compliance with NAC 522, due to the cementing described above. A sundry notice has been submitted to NDOM for re-entry and drilling a sidetrack.



Western Oil Exploration 35-1 Location Map, courtesy of SETT

- Western Oil Exploration and Western Gold have remaining issues:
    1. The BLM increased the bond for the 35-1 lease, and has not received the elevated bond funds from Western Oil Exploration. The access road and drill pad, 0.8acres, will need to be repaired to comply with the APD EA. Trailers will need to be removed from drill pad to comply with the approved EA. A mitigation plan dealing the sage grouse will need to be in place due to the location.

    2. NDEP: amount of acreage disturbance related to either Western Oil or Western Gold, or both, as well as evaluating if an air permit related to a potential dust hazard is required. NDEP, SETT, and the BLM are trying to determine which company caused specific disturbance and damage to roads. NDOM flew a drone documenting the disturbed acreage for NDEP. The imagery has been given to SETT and the BLM as well.

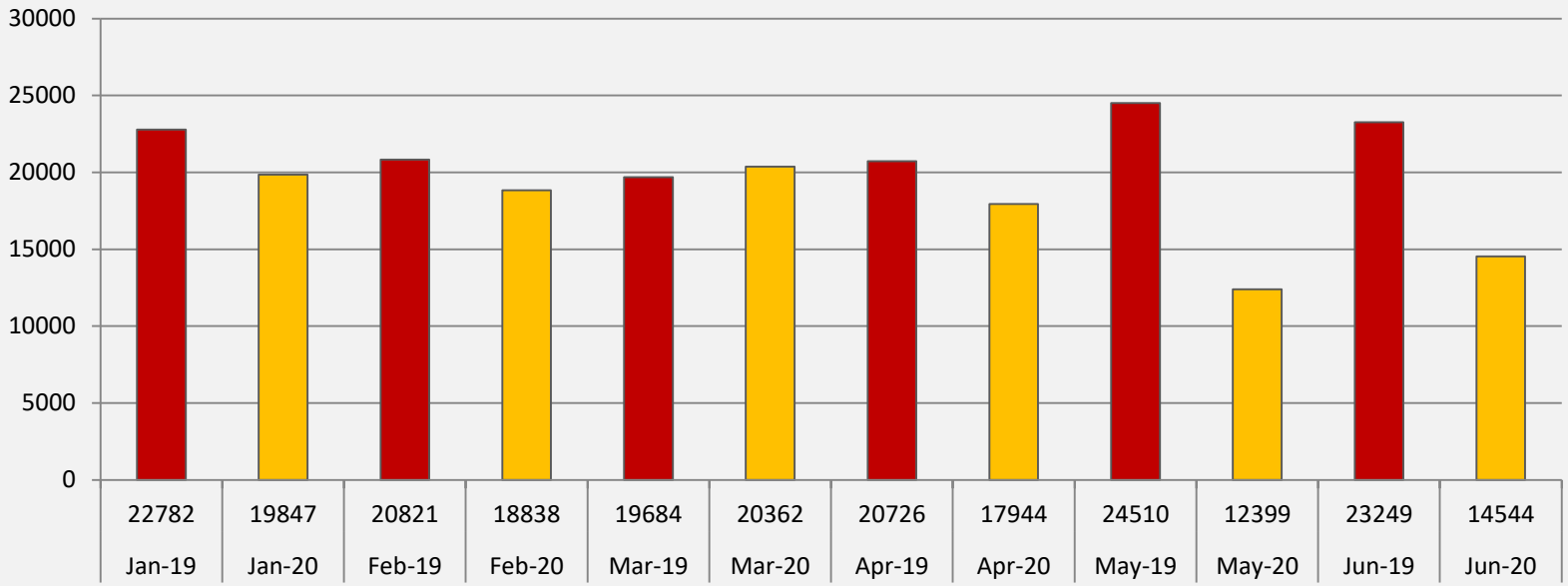
    3. SETT: amount of sage grouse habitat mitigation related to area of disturbance to be determined.

    4. White Pine County: due to severe road damage along County Roads 1177 and 1204 (1204 has been closed), the County required a $500,000 cash bond on September 4th. The company paid $100,000 towards the bond. The remaining balance is due within 30 days (October 3rd). The County agreed to write a letter to the BLM stating the company can use Road 1177 to access the drill pad.

    5. DWR: water had been hauled from another basin in Eureka County, but DWR has resolved this issue by cutting off the transfer of water from one basin to another water basin.

    6. Nevada State Historic Preservation Office (NSHPO): due to road damage to the Historic Highway 40 route north of the 35-1, the NSHPO may become involved.

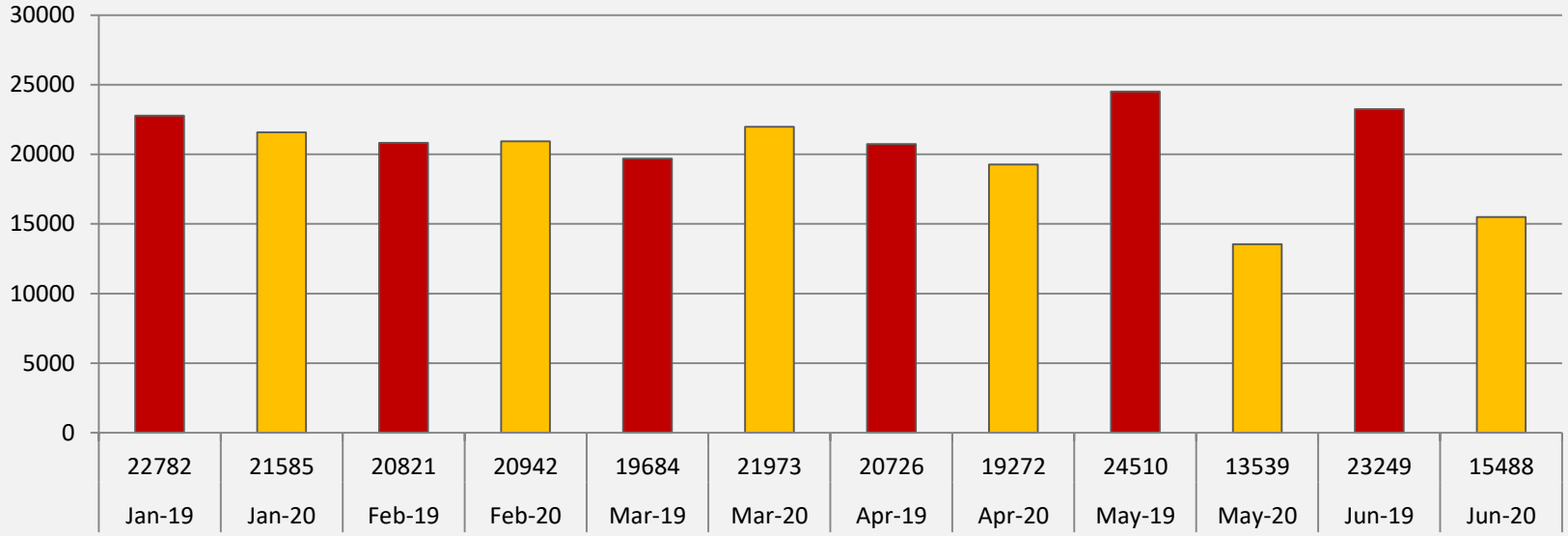
Oil Production Comparison: First Halves of 2019 and 2020



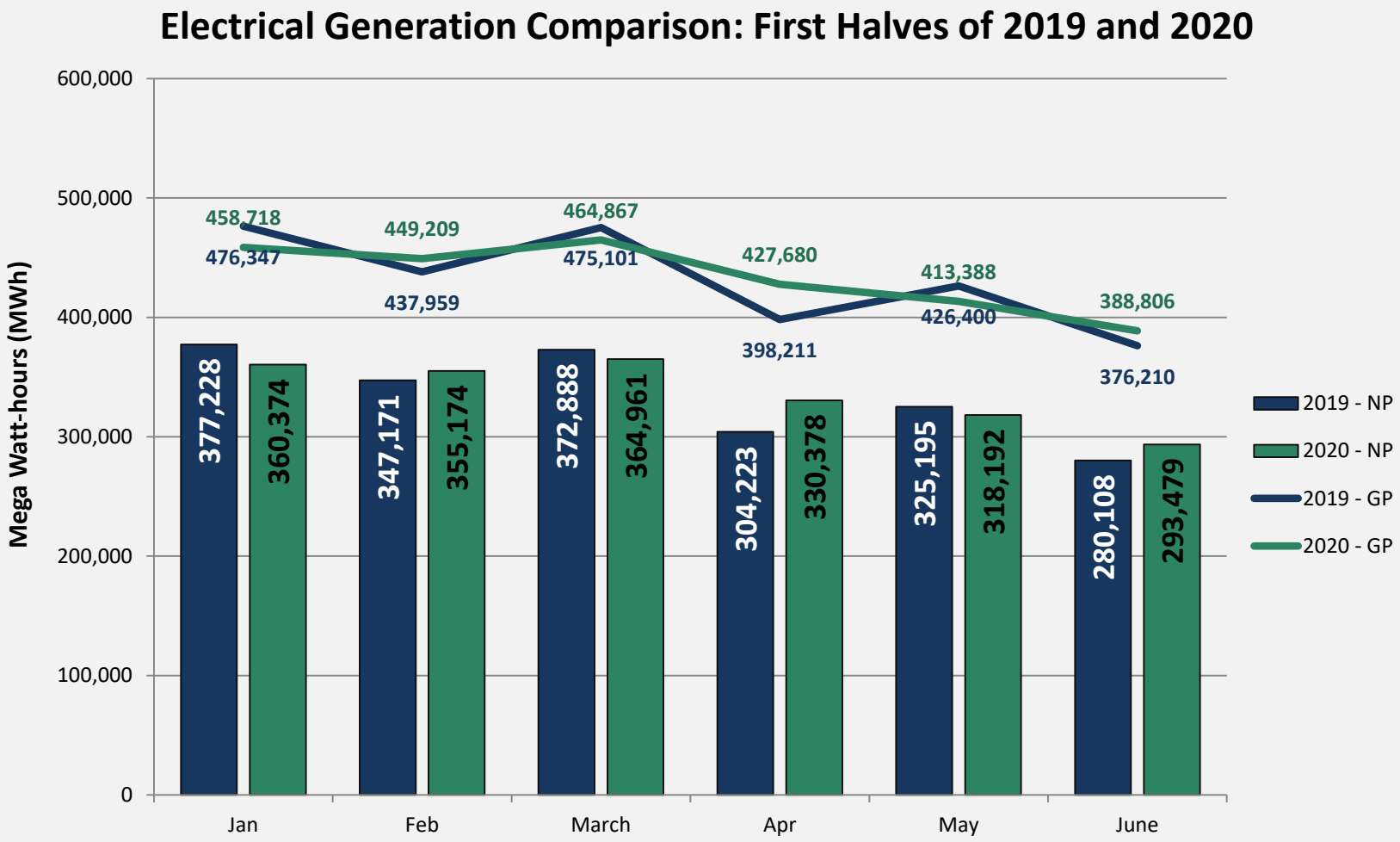
All of Kirkwood's Eagle Springs, Ghost Ranch, and Sand Dune wells were shut-in during May and June. Makoil shut-in four wells during May, but brought two of the wells back online in June.

Grant Canyon's Three Bar 25-2 (Pine Valley) is not included in the production graph above due to not starting to produce oil until September, 2019. The 25-2 produced 5910 barrels during September to December 2019, and 8815 barrels during January to June 2020. The Three Bar 25-2 production is included on the following graph.

Oil Production Comparison: First Halves of 2019 and 2020, Three Bar 25-2 Included for 2020



Overall Nevada production increased by 7.4 to 11.1% through the addition of the Three Bar 25-2 production. Spike in production during May and June 2019 attributed primarily to increased Trap Spring/Munson Ranch production by bringing on shut-in wells, as well as three wells Makoil has previously purchased from FX Energy.



The electrical generation overall decline is due primarily to ambient temperatures effecting gas to liquid cooling cycle. 2019 gross is 2,590,229 MWh, net is 2,006,815 MWh (22.52% parasitic load). 2020 gross is 2,602,669 MWh, net is 2,022,560 MWh (22.29% parasitic load).

BLM Lease Sales

Oil and Gas

- The June 9, 2020, lease sale was postponed to September 8, 2020.
- Sale results of the September 8, 2020 sale:
    1. 14 parcels, containing 16,932.611 acres, were offered from the Battle Mountain and Ely Districts, with Battle mountain offering 11 parcels and Ely offering 3 parcels.
    2. Total number of parcels offered day of sale: 11
    3. Total number of acres offered day of sale: 15,445.201
    4. Total number of registered bidders: 9
    5. Total number of parcels receiving bids: 11
    6. Total number of acres receiving bids: 15,445.201
    7. Total sum of high bids: $63,382.00
    8. High bid per acre: $9.00
    9. Hid bid per parcel: $21,150.00
    10. Hid bid per acre: $9.00
    11. Total receipts: $88,422.50

The next BLM Geothermal Lease sale will occur on October 20, 2020:

- 18 parcels, containing 35,632.68 acres will be offered.
    1. 9 parcels are offered by the Carson City District
    2. 6 parcels are offered by the Winnemucca District
    3. 3 parcels are offered by the Battle Mountain District

Dissolved Mineral Exploration

3PL Operating Inc.

- Due to not requesting an extension of the LD 1-32 exploration well in Railroad Valley, the company was issued an order to plug and abandon the well on May 12, 2020. The well was to be plugged by August 19, 2020.

- 3PL Operating Inc. submitted a plugging program that was approved by the Division on June 30, 2020.

- 3PL Operating Inc. applied for a water right in Basin 173B, where the LD 1-32 is located. 3PL Operating is attempting to keep the well open by having it classified as a production well, or point of diversion, under a water right, if obtained through DWR.

- The Division has extended the required plugging date from August 19, 2020, to September 21, 2020, in order to provide more time for DWR to process the 3PL Operating application for a water right in Basin 173B.

Bonaventure Nevada

- Bonaventure Nevada submitted five Notices of Intent (NOI) for a drilling program in the Bonnie Claire area of Sarcobatus Flat, between Goldfield and Beatty.

- The Division approved the NOI's on August 11, 2020.

- The NOI's consist of two core boreholes that were drilled in August, and three reverse circulation (RC) boreholes that have not been drilled to date.

LithiumOre Corporation

- LithiumOre submitted a permit extension to their LithiumOre 1 exploration well in Railroad Valley on August 26, 2020. The permit was issued on December 3, 2018, and drilled in January-February, 2019.

- The Division is waiting for the BLM to finalize a revised bonding request by LithiumOre before processing the permit extension request.

Nanoforce Technologies LLC

- Nanoforce Technologies LLC submitted a water rights application to DWR for an unpatented placer claim in T35N, R70E, S22. Digital copies of NRS 534B and NAC 534B were emailed to Nanoforce Technologies. Acknowledgement of receipt of NRS 534B and NAC 534B was sent back to the Division by Nanoforce Technologies.

Well Inspections

During the 2020 fiscal year 193 geothermal wells and 119 oil wells were inspected.

FY 2020 Well Inspections	Total Wells	Wells Needed for FY20	Wells Inspected	% of Total Needed	Wells Remaining
Geothermal (15 Locations)	454	151	193	127.5%	-42
Oil (22 Locations)	119	40	119	300%	-79
Totals	573	191	312	163%	-121

NAC 522 Rulemaking Status

Temporary regulation change to reduce administrative fee from $0.15 to $0.05/barrel

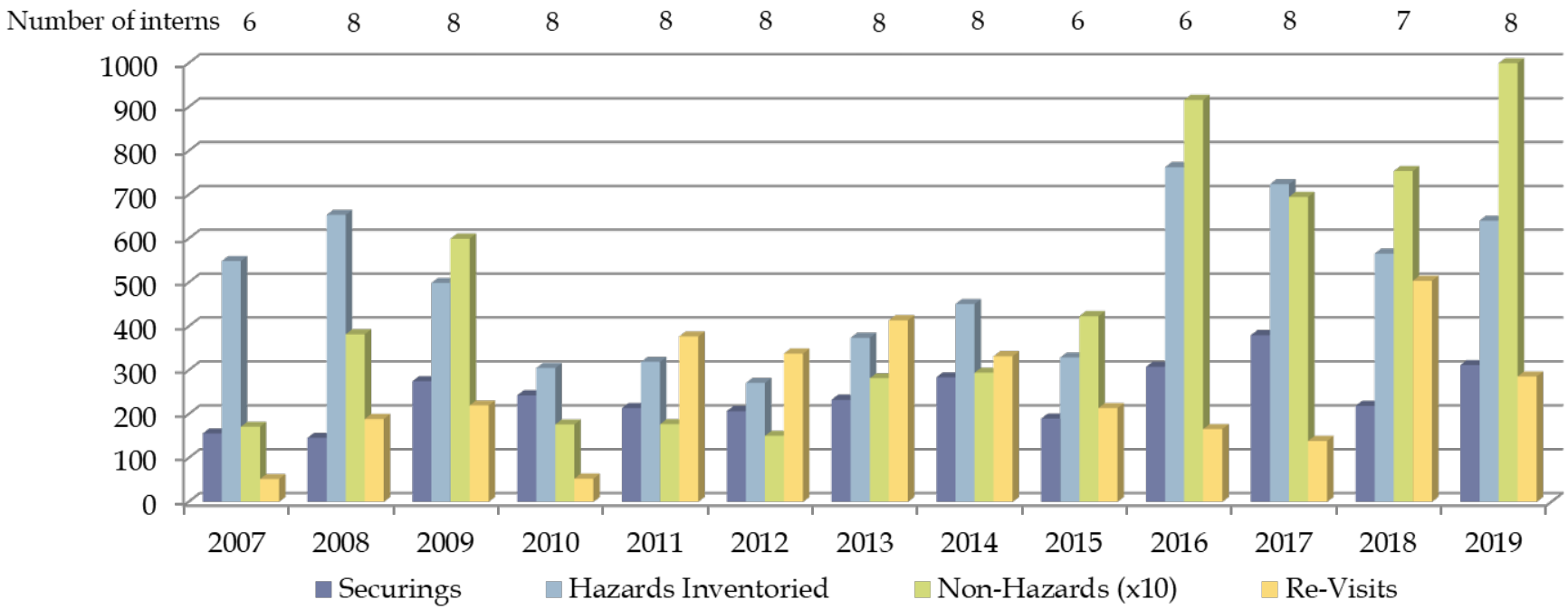
- LCB Legal has reviewed the proposed change
- Small-business impact statement has been prepared
- Public workshop, date not yet determined
- Public hearing and CMR adoption, date not yet determined
- Temporary regulation change effective 35 days after adoption by CMR until November 1, 2021.

IV.C AML PROGRAM UPDATE

Nevada Division of Minerals

AML Update 9/16/20

Intern Statistics



12yr Avg. (8 interns)

- 244 Secured
- 496 Hazards
- 4,642 Non-hazards
- 253 Revisits

Summer 2020 (2 Interns)

- 19 Secured
- 62 Hazards
- 3467 Non-hazards
- 151 Revisits

AML Contracts

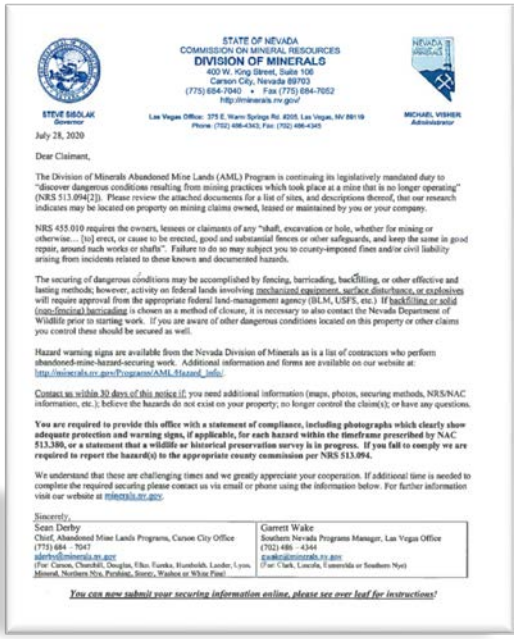
- Treasure Hill - 96 Securings, 10 Revisits
- Tonopah 38 - 25 Securings, 8 Logged
- Walker River - 102 Securings
- Snake Range
- Semi Local – 45 Securing
- Southern Nevada Revisits

AML Contracts

- Vandalized Secured – Washoe, Churchill, White Pine, Lincoln
- Pine Tree Mine - CX Granted, seeking wildlife exclusion
- Copper Butte – NPS, interlocal contract, commences Feb 2021
- Linka Mine
- VC Grand Prix – Awating EA completion, anticipating spring 2021 commencment

AML MAILOUT

- 1248 Hazards Identified for Notification
- 328 Claimants Notified
- Approximately 120 respondents, 10 Securings to date



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
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STEVE SISOLAK
Governor

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

MICHAEL VISHER
Administrator

July 28, 2020

Dear Claimant,

The Division of Minerals Abandoned Mine Lands (AML) Program is continuing its legislatively mandated duty to "discover dangerous conditions resulting from mining practices which took place at a mine that is no longer operating" (NRS 513.094(2)). Please review the attached documents for a list of sites, and descriptions thereof, that our research indicates may be located on property on mining claims owned, leased or maintained by you or your company.

NRS 455.010 requires the owners, lessees or claimants of any "shaft, excavation or hole, whether for mining or otherwise… [to] erect, or cause to be erected, good and substantial fences or other safeguards, and keep the same in good repair, around such works or shafts". Failure to do so may subject you to county-imposed fines and/or civil liability arising from incidents related to these known and documented hazards.

The securing of dangerous conditions may be accomplished by fencing, barricading, backfilling, or other effective and lasting methods; however, activity on federal lands involving mechanized equipment, surface disturbance, or explosives will require approval from the appropriate federal land-management agency (BLM, USFS, etc.) If backfilling or solid (non-fencing) barricading is chosen as a method of closure, it is necessary to also contact the Nevada Department of Wildlife prior to starting work. If you are aware of other dangerous conditions located on this property or other claims you control these should be secured as well.

Hazard warning signs are available from the Nevada Division of Minerals as is a list of contractors who perform abandoned-mine-hazard-securing work. Additional information and forms are available on our website at: http://minerals.nv.gov/Programs/AML/Hazard_Info/

Contact us within 30 days of this notice if: you need additional information (maps, photos, securing methods, NRS/NAC information, etc.); believe the hazards do not exist on your property; no longer control the claim(s); or have any questions.

You are required to provide this office with a statement of compliance, including photographs which clearly show adequate protection and warning signs, if applicable, for each hazard within the timeframe prescribed by NAC 513.380, or a statement that a wildlife or historical preservation survey is in progress. If you fail to comply we are required to report the hazard(s) to the appropriate county commission per NRS 513.094.

We understand that these are challenging times and we greatly appreciate your cooperation. If additional time is needed to complete the required securing please contact us via email or phone using the information below. For further information visit our website at minerals.nv.gov.

Sincerely,

Sean Derby Chief, Abandoned Mine Lands Programs, Carson City Office (775) 684 - 7047 sderby@minerals.nv.gov (For: Carson, Churchill, Douglas, Elko, Eureka, Humboldt, Lander, Lyon, Mineral, Northern Nye, Pershing, Storey, Washoe or White Pine)	Garrett Wake Southern Nevada Programs Manager, Las Vegas Office (702) 486 - 4344 gwake@minerals.nv.gov (For: Clark, Lincoln, Esmeralda or Southern Nye)

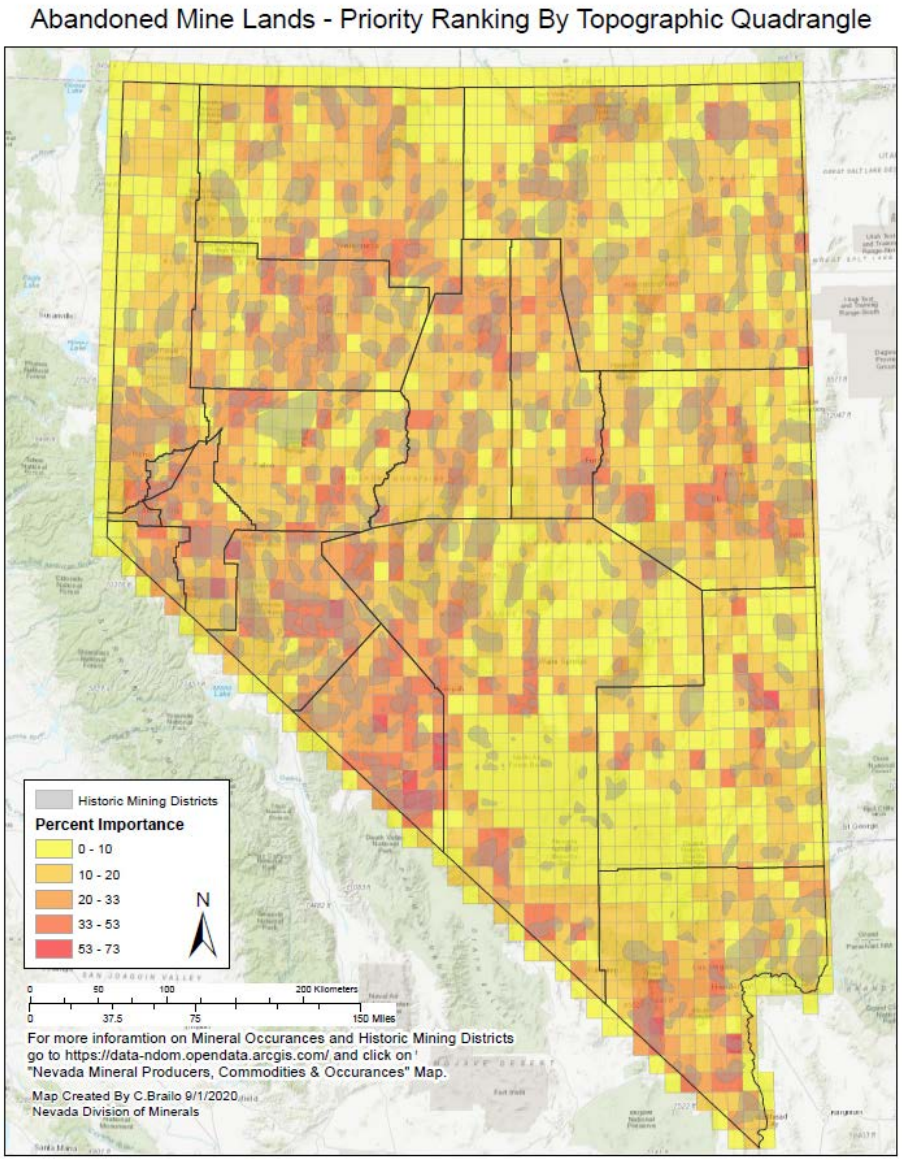
You can now submit your securing information online, please see over leaf for instructions!

You can now submit your securing information online. Please choose the appropriate method of doing so from the two choices below.

1. If you are submitting securing information from **home or the office** please visit the following link and fill out the form:
   https://arcg.is/1qjuG0
2. If you are submitting securing information from the **field or at the site location** please visit the following link and fill out the form:
   https://arcg.is/0aGO00

Software Developments

- Hard Rock Database in SOSA
- Data Validation Tool Box
- Automated Topo Hazard Ranking



IV.D LAS VEGAS NATURAL HISTORY MUSEUM EXHIBIT UPDATE

Las Vegas Natural History Museum Exhibit - Update

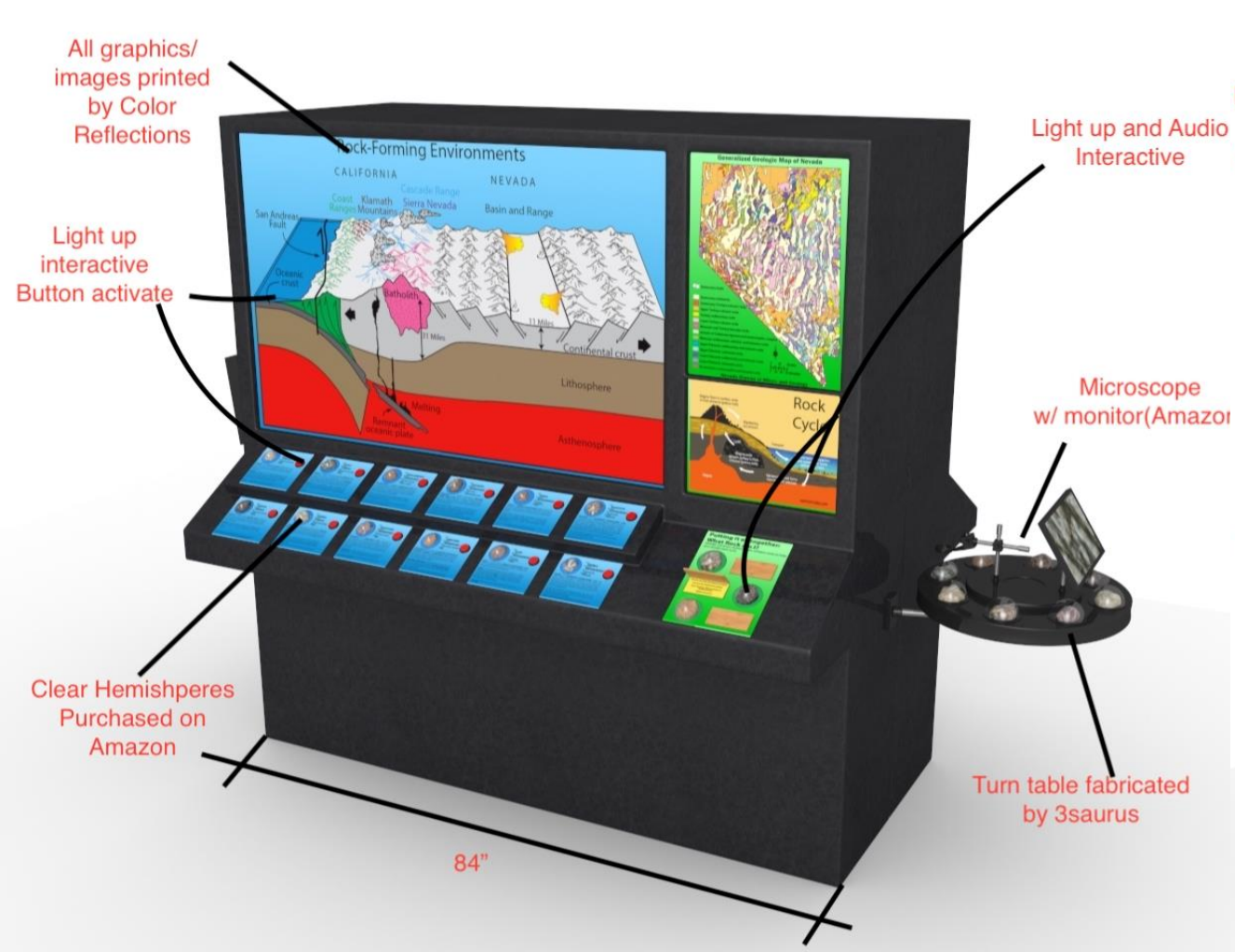
Commission on Mineral Resources Meeting
17 September, 2020

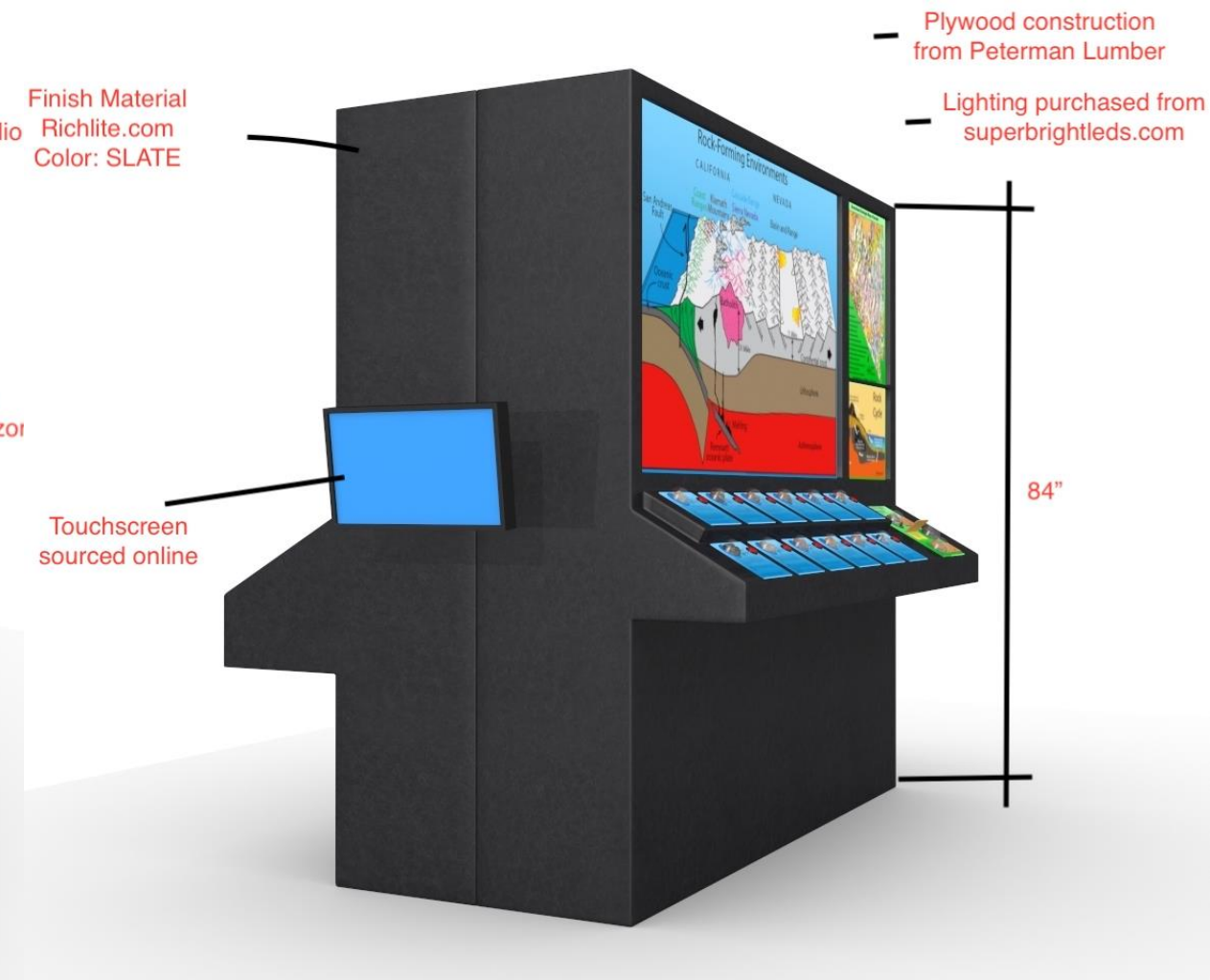
Garrett Wake
Nevada Division of Minerals
702-486-4344
gwake@minerals.nv.gov
minerals.nv.gov

Updates since last CMR meeting

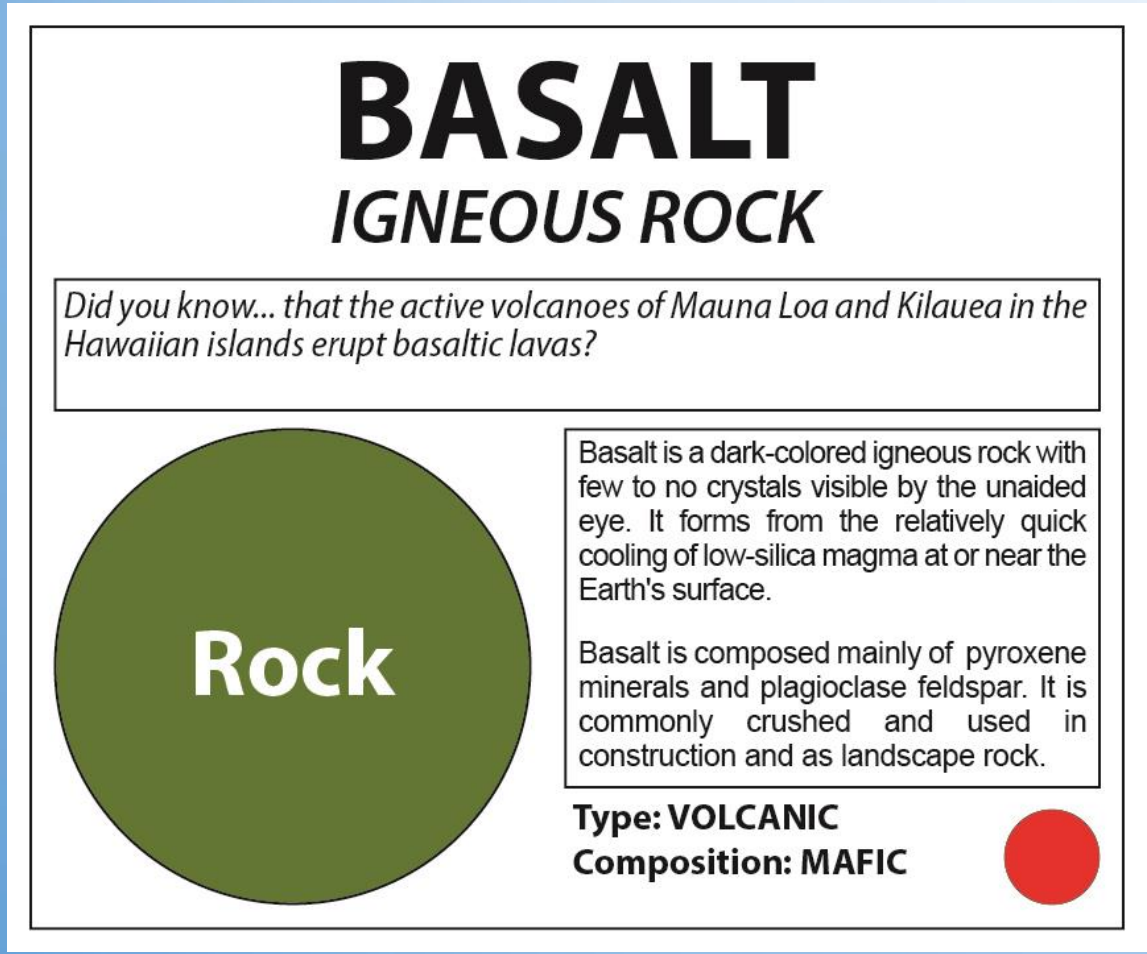
- **2019:** LVNHM could not secure adequate funding to move to new location
  - New plan is to use donations towards updating current museum
  - LVNHM still plans to incorporate CMR exhibit into current location
  - Possibility of moving to new venue at a future date
- **Nov 8, 2019:** RFP solicitation opened on NV E-Pro
- **Jan 15, 2020:** RFP solicitation closed, received bids from two companies
- **Jan 28, 2020:** RFP Evaluation Committee met to determine Awarded Vendor
- **May, 2020:** BoE approval
- **June 30, 2020:** Phase I – Design work and renderings completed ($6,000)
- **Upcoming:**
  - Phase II – Fabrication of exhibit (in progress)
  - Phase III – Delivery of exhibit to LVNHM

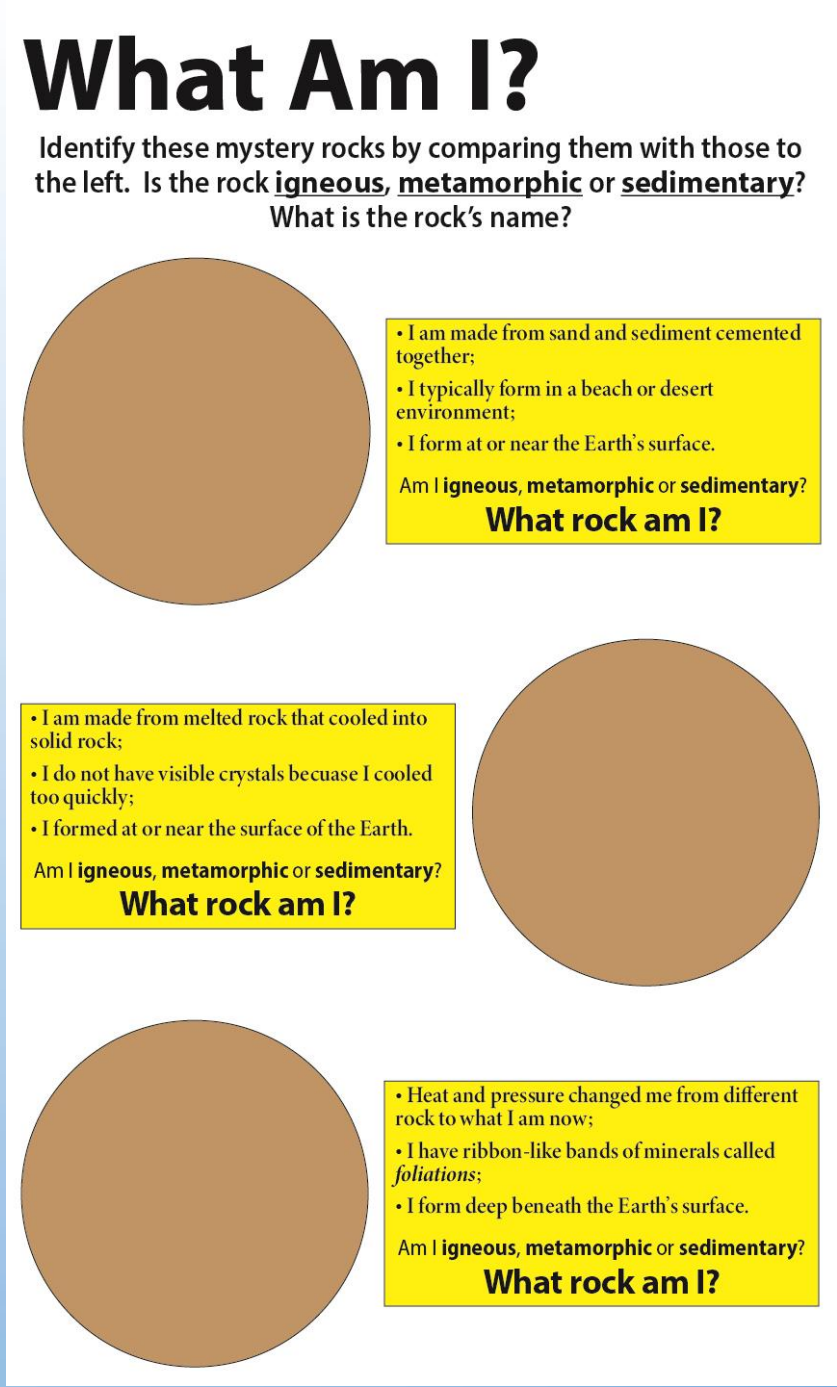
Design & Fabrication





Design & Fabrication

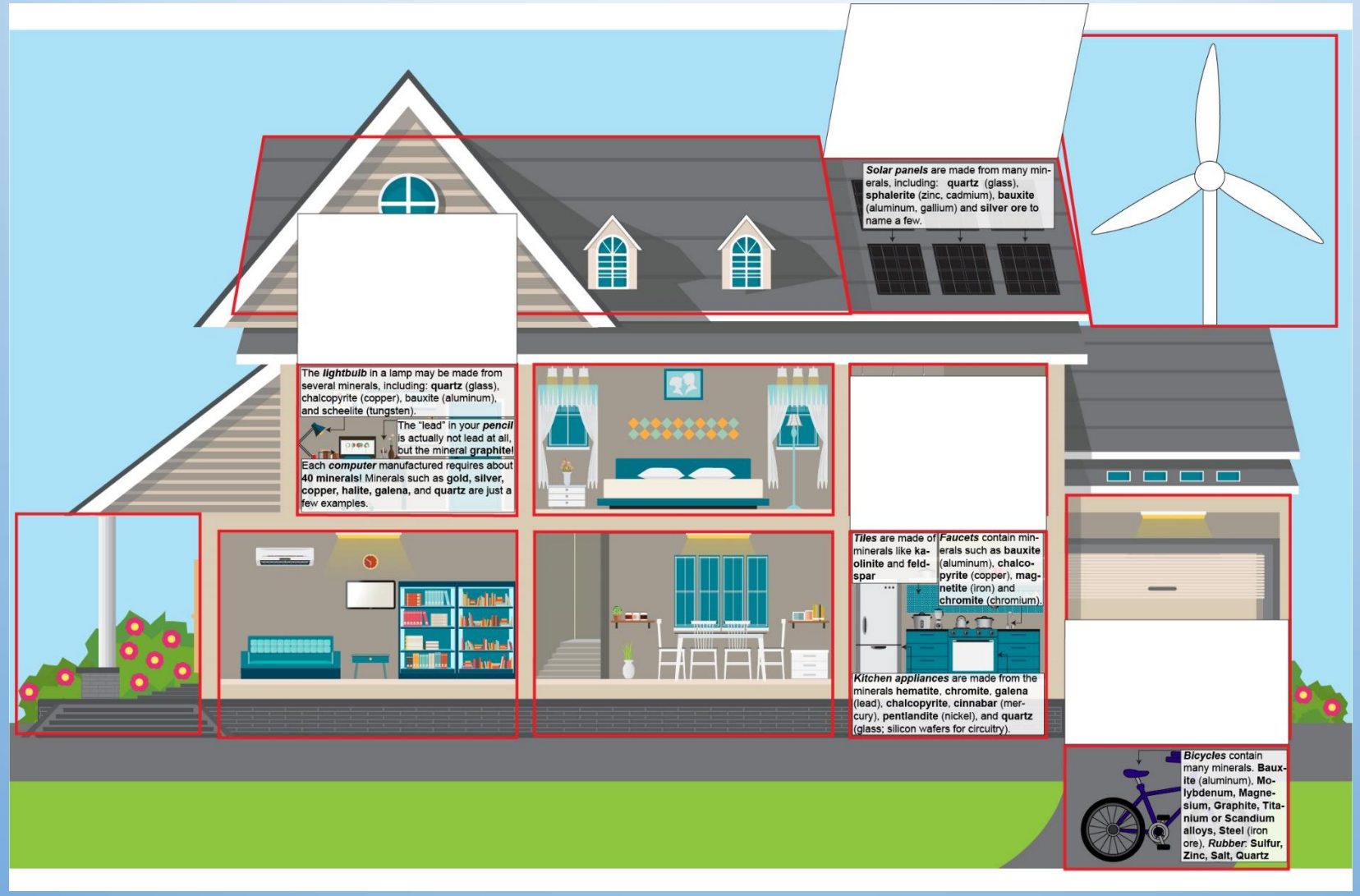




Design & Fabrication

Design & Fabrication

Design & Fabrication



Design & Fabrication

Design & Fabrication

Timeline

- September, 2020:
  - NDOM/LVNHM will continue to refine graphics, text and color schemes to fit museum standards
  - 3saurus (contractor) will continue to fabricate the exhibit and create electronic components
- October – November, 2020:
  - Individual components assembled and installed
  - Graphics sent for print and affixed to exhibit
  - Rock and Mineral samples prepared
- December, 2020:
  - Finishing touches and delivery to museum by end of year

Las Vegas Natural History Museum Exhibit - Update

Questions?

Garrett Wake
Nevada Division of Minerals
702-486-4344
gwake@minerals.nv.gov
minerals.nv.gov

COMMISSION BUSINESS –

STAFF MONTHLY REPORTS

MONTHLY ACTIVITY REPORTS

Administrator:

1. In June, the respective US Senate and US House Armed Services Committees filed their respective versions of the National Defense Authorization Act (NDAA) for Fiscal Year 2021, both of which include land acquisition funding in the amount of $29.04M for Phase 1 of the Fallon Range and Training Complex Modernization and renews the existing withdrawal for 25 years. Additionally, based on a Navy submitted proposal dated April 9, 2020, the Navy anticipates asking for $48M in FY22 for Phase 2 land acquisitions, $111M in FY24 for B-17 range improvements, the relocation of both State Route 361 and the natural gas pipeline, and $71M in FY25 for fencing, utilities, and additional range improvements. The proposal appears to be consistent with the Record of Decision but does propose the release of adjacent Wilderness Study Area lands not reserved for use by the Navy. These releases include all of the Stillwater and Job Peak WSAs and approximately 128,000 acres of the Clan Alpine WSA. If approved by Congress, these releases may have a beneficial impact for geothermal development and to a lesser extent mineral development.
2. The Division was informed by the new administrator of Business and Industry's Division of Industrial Relations (DIR) that, effective immediately, they would no longer be providing IT and network support to our agency. This had been an informal agreement dating back to our exit from within Business and Industry in 1993. As a result, the State's Enterprise IT Services (EITS) requested documentation of our current inventory of all IT assets including software and has provided a framework for transitioning off DIR's network. While EITS will offer networking services and support we will have to contract with a third party for desktop and laptop support. An estimate of increased annual costs to the agency is $12,000 beginning in FY21. The transition will occur after EITS performs a site inspection and new equipment is purchased. The transition, which will include migration to Microsoft Office 365, is likely to take two months or more. In the meantime, EITS has confirmed that DIR will continue to provide IT support.

Deputy Administrator

Reclamation Bond Pool

1. Bond pool activity in June was limited to two notice-level releases.
2. Received inquiries for two potential new plan-level bonds and provided them with application information, tentative costs, and information on alternatives.
3. End-of-June financial summary of bond pool:

Reclamation Bond Pool Status Report		Current to:	6/30/2020					
Plan-level Bonds -Company	Project	Entry Date	Bond Amount	% of Pool	Comments	Deposit	Premiums Paid	% Bond Whole
Custom Details	Bovie-Lew	11/17/2006	$14,643.00	0.57%	Bond reduced from $24,	$ 7,328.32	$18,198.99	174.3%
New Gold Nevada (NV Rae)	Black Rock Canyon	4/15/2005	$727,087.00	28.30%		$415,856.34	$366,659.72	107.6%
SNL Sand LLC	Money Pit	5/21/2004	$430,088.00	16.74%		$233,171.91	$282,433.84	119.9%
Western Mine Dev.	Victorine Mine	5/24/2000	$45,875.39	1.79%	terminated	$ -	$0.00	
Western Mine Dev.	Kingston Mill	5/24/2000	$100,450.00	3.91%	terminated	$ -	$0.00	
Western Mine Dev.	Manhattan Mill	5/24/2000	$114,288.77	4.45%	terminated	$ -	$0.00	
TNT Venture	Big Canyon	1/27/2010	$78,161.00	3.04%		$ 39,615.03	$48,350.33	112.5%
Dun Glen Mining	Dun Glen	8/11/2014	$373,981.00	14.56%		$200,648.22	$182,686.32	102.5%
Statewide Notice-Level	Various	various	$684,194.00	26.64%	59 Notice-level bonds			
Total Bond Amount			$2,568,768.16					
Cash in Pool's Account (From BSR - 6/30/20)			$3,728,195.82					
Unfunded Amount			-$1,159,427.66					
Percent funded			145.1%					

Chief, Abandoned Mine Lands Program

Environmental Protection Services has finalized work on the Walker River State Park Region Closure Project and begun planning in the Virginia City area for large-scale closures in cooperation with Medford BLM archaeologists who are performing the necessary cultural reviews. The reduced intern team is making progress with over 50 revisits,

60 hazards logged, and 2,000 non-hazards logged in the Smith and Mason Valley area, since June 1st. Due to access and safety concerns associated with ongoing wildfires in our region, interns are refocusing on logging newly discovered potential hazards identified via LiDAR and reports from the public in the Fallon and VC area. Other notable developments are as follows:

1. Completed 98 of 102 closures of the Walker River State Park Project. One gate is on hold until August due to wildlife concerns and three stopes will be backfilled in July.
2. Received Categorical Exclusions for the Misfits Flat Project, 6 hazards, in Lyon County and the Snake Range BCC's, 21 hazards, in White Pine County. The Misfits Flat sites will be backfilled in July and the Snake Range BCC project will start in August.
3. Worked with TerraSpectra Geomatics on testing, data entry, and QAQC of the new Hardrock Closure Database.
4. Held a meeting with the BLM State Office to plan and coordinate future AML projects.
5. Met the BLM Medford Archeological AML Crew, John Callan with the BLM Nevada State Office, SHPO, and the BLM Carson District Archeologist, Geologist and LEOs at the Forman Shaft to discuss closure options and overall goals of the VC Grand Prix Closure Project. The project will require an EA due to being located in a National Historic Landmark.

End-of-June summary of AML hazards:

	SITES INVENTORIED	SITES SECURED	% Secured
Since 1987	23,498	18,812	80%
2020 To Date	134	337	255%

GIS/ Field Specialist

1. Worked with Rachel Micander (NBMG) on the ESRI Mining Users Group presentation.
2. Conducted AML land research.
3. Worked on the Annual Status and Production mining operations database; completing 2019 data entry.
4. Updated active mining claims layer on our open data site.
5. Worked on AML owner/claimant notification list in advance of mail-out.
6. Mass updates for AML data including updated photos.
7. Prepared field maps for intern use.
8. Processed AML intern field data.
9. Processed oil inspection data.

AML/Fluid Minerals Field Specialist

1. Conducted AML inventory and revisits of AML features over multiple days at Dayton, New Empire and Virginia City topographic quadrangles, Lyon County, using Lidar identified features, UAS surveying and traditional surveying techniques.
2. Continued identification of AML features using Lidar of Washoe County, including Peavine Mountain, northern Virginia Range and western Carson Range areas.
3. Prepped equipment for summer field work (digital tablet updates, UAS software setup, aerial photo exports, field area data creation and downloads, etc.) Updated and improved UAS maintenance schedule and battery-life tracking procedures.
4. SOSA database cleanup – query and inspection of possible duplicate owners.
5. Updated the 2020 AML Fact Sheet (yearly overview) and created new Hard Closure Project Fact Sheet for projects completed in 2019. Updated NAAMLP 2020 logo and other items for the rescheduled conference (2021).
6. Created Fire Risk and Active Mine map for Nevada Mining Association. Attended and contributed to Nevada Mining Association and Education Committee meeting on the possibility of hosting digital learning interface with Colorado Mining Association Education Foundation, discussion to continue on how to proceed with online mining-related education courses.

7. Reviewed incoming geothermal permit with FMR manager and other NDOM staff.
8. Provided feedback for Arizona Oil and Gas Conservation Commission plan for website redesign.
9. Attended ESRI instructor led online training course – Creating Python Scripts for ArcGIS. Attended multiple webinars including UAS software tutorials and a Walker Lane seismicity study.

AML/Public Outreach – Southern Nevada Programs Manager

1. Worked with contracted vendor "3saurus" to finalize the design of the Las Vegas Natural History Museum exhibit and close out phase I (design); fabrication (phase II) will begin in early-July.
2. Finalized the script, shot sequence and shooting locations for the SOSA remake video. Filming will begin shortly after routine in-state travel is permitted.
3. Revisited several AML hazards in the Ralston quadrangle north of Beatty.
4. Moved the NDOM Southern Nevada to our new location at 375 E. Warm Springs Rd., Las Vegas, NV 89119. The southern office was closed to the public during this time due to the pandemic. The move was finished on time and under budget.
5. Participated in a videoconference with TerraSpectra regarding future updates to the Stay Out Stay Alive database.
6. Participated in an NvMA Education Committee meeting.

AML/Public Outreach and Education – Southern Nevada Field Specialist

1. Continued work on spreadsheet containing contact information of teachers and CCSD employees that I interacted with during the 2019-2020 school year.
2. Participated in monthly NDOM staff meeting.
3. Continued work on modifying a hands-on classroom activity on erosion into a five-part video series with an accompanying worksheet to be used for distance learning.
4. Started process of getting a link to NDOM distance learning videos on the CCSD website and on CHOLLA's website. Videos must be approved through a school district chain of command before it can be included on CCSD's site.
5. Continued work on the Las Vegas Natural History Museum exhibit that is being donated by NDOM.
6. Contributed to spot checking owner notification list, researching sites not researched in the last year.
7. Continued researching the AML field areas that are planned to be worked on this summer.
8. Helped consolidate, pack, and unpack for Las Vegas office move.

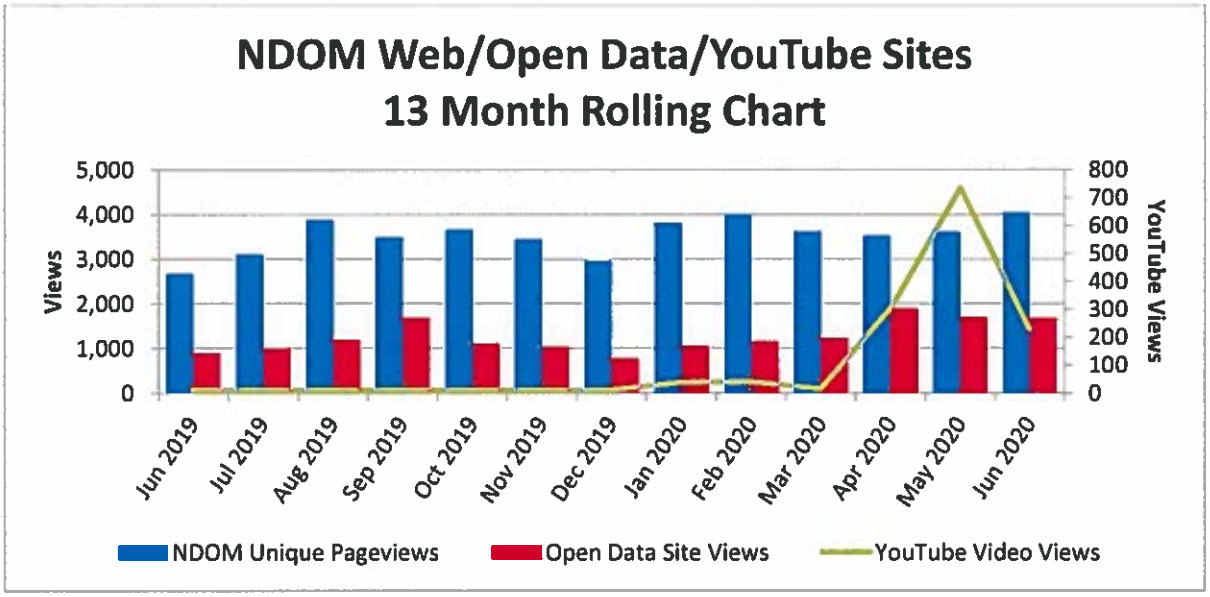
Fluid Minerals Program Manager:

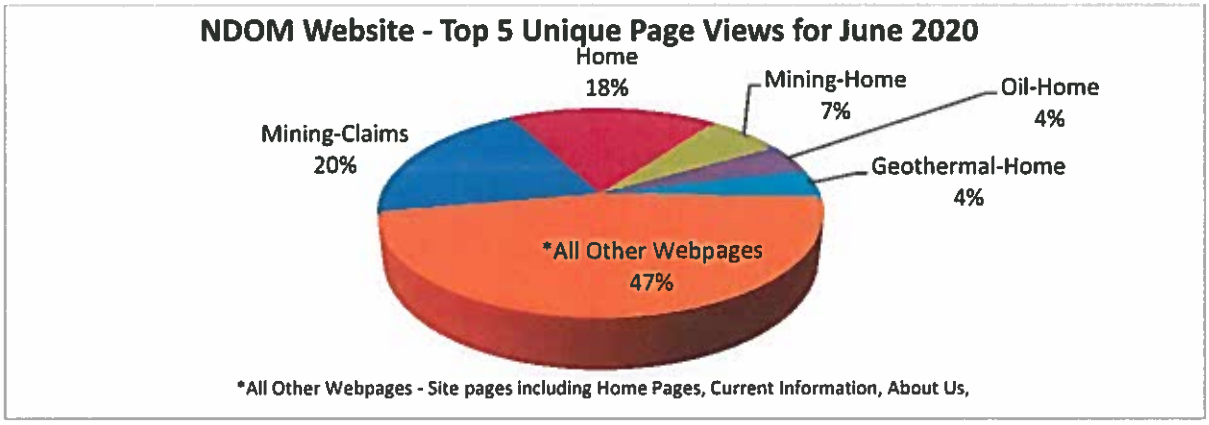
1. No OGG or DMRE drilling permits were issued in June.
2. Reviewed Ormat Nevada's Crescent Valley Project Area permit application, and the proposed 37(48)-3 and 45(57)-3 production well permit applications and drilling programs.
3. Reviewed Ormat Nevada's New York Canyon Project Area permit application, and the proposed 68A(82-11)-2 production well permit application and drilling program. Waiting on the BLM to approve the GPD.
4. Witnessed the casing cement job for the upcoming Blue Mountain 86(16-23)-22 stimulation. Inspected the 24 geothermal wells in the Blue Mountain Field while waiting for cementing operations to commence.
5. Reviewed USG Nevada's (Ormat Nevada) San Emidio 25(46)-28 revised drilling program. Waiting on the BLM to approve the 25(46)-28 GPD.
6. Reviewed the USG Nevada 47-33 sundry notice for a location move to 58B-33 and change in drilling program. Sundry was approved after receiving approved BLM sundry.
7. The Salt Wells 86-15 production well permit was transferred to UC Won. UC Won now has six of the previous Salt Wells area wells drilled by the now defunct Gradient Resources.
8. Inspected 113 oil related wells, all 120 open wells in Nevada were inspected during FY20. 184 out of 452 geothermal wells were inspected during FY20.

FY 2020 Well Inspections	Total Wells	Wells Needed for FY20	Wells Inspected	% of Total Needed	Wells Remaining
Geothermal (14 Locations)	452	151	184	122.1%	-33
Oil (23 Locations)	120	40	120	300%	-80
Totals	572	191	304	159%	-113

Website Activity

Period	NDOM Pageviews	NDOM Unique Pageviews	Top 5 Pageviews	Open Data Site Views	YouTube Video Views
Jun 2020	5,919	4,050	Mining-Claims, Home, Mining-Home, Oil-Home , Geothermal-Home	1,682	229
Jun 2019-Jun 2020	64,652	45,809		16,411	1,426





Top Visitors

	Country	United States, Canada, United Kingdom, France, and India
Jun-2020	State	Nevada, California, Texas, Colorado, and Arizona
	City	Las Vegas, Reno, (unknown), Carson City, and Sacramento

Distance Learning Educational Video Title:	Video Publish Date	6/2020 Views	6/2020 Ranking
Nevada Mineral Explorer Demo	29-May-20	111	1
Stay Out and Stay Alive	12-Apr-18	27	2
A General overview on Earth's Geologic History, Evolution, and the Geologic History of Nevada	28-Apr-20	21	3
Weathering & Erosion Part 1	1-May-20	11	4
Stay Out and Stay Alive PSA 15 sec	30-Jul-19	7	5
Weathering & Erosion Part 2	22-May-20	7	5
The Rock Cycle	29-Apr-20	7	5

Presentations hosted on other websites:	Publish Date	6/2020 views
Nevada Mineral Explorer Demo (NBMG-YouTube)	5/23/2020	32
Building a Web Mapping Platform for Mining Organizations (ESRI)	6/24/2020	81

MONTHLY ACTIVITY REPORTS

Administrator

1. Served as Commissioner at a State Environmental Commission meeting. Most of the meeting was devoted to discussion, review, and eventual adoption of five permanent NDEP regulations. Public comment centered on the potential environmental impacts resulting from mine pit lakes. This meeting was the last for Chairman Jim Gans who is retiring from service on the SEC.
2. EITS continues to work on the network transition from the Division of Industrial Relations. Preliminary estimates for new hardware, installation and service are approximately $16,000 plus $900/month; this does not include Local Area Network and Desktop support for which we will have to contract with a vendor.
3. The Nevada Excellence in Mine Reclamation Committee (NDOM, NDOW, NDEP-BMRR, BLM, and USFS) met virtually and reviewed three submissions for the annual awards. Two nominations were unanimously recommended to receive an award. Usually the award is presented at the Nevada Mining Association annual convention, which this year will occur as a series of virtual sessions taking place over the course of the rest of the year. A date and time for presentation of the awards has not yet been determined.
4. Attended a series of virtual business and committee meetings for IOGCC and voted on four resolutions on behalf of the State and Governor.
5. Submitted proposed temporary regulation change in NAC 522, for administrative fee reduction from $0.15 to $0.05 per barrel, to LCB Legal for review.
6. Prepared and provided a presentation to 15 executives and sales personnel from Cyanco regarding the exploration to mine processes, timeframes, rates for success, and current advanced projects in the State. Joel Lenz provided a discussion on the various metallurgical and mine planning processes.

Deputy Administrator

Reclamation Bond Pool

1. Bond pool activity in July was limited to just one notice-level partial release.
2. End-of-July financial summary of bond pool:

Reclamation Bond Pool Status Report		Current to:	7/31/2020					
Plan-level Bonds -Company	Project	Entry Date	Bond Amount	% of Pool	Comments	Deposit	Premiums Paid	% Bond Whole
Custom Details	Bovie-Lew	11/17/2006	$14,643.00	0.57%	Reduced from $24,364.5	$ 7,328.32	$18,198.99	174.3%
New Gold Nevada (NV Rae)	Black Rock Canyon	4/15/2005	$727,087.00	28.50%		$415,856.34	$366,659.72	107.6%
SNL Sand LLC	Money Pit	5/21/2004	$430,088.00	16.86%		$233,171.91	$282,433.84	119.9%
Western Mine Dev.	Victorine Mine	5/24/2000	$45,875.39	1.80%	terminated	$ -	$0.00	
Western Mine Dev.	Kingston Mill	5/24/2000	$100,450.00	3.94%	terminated	$ -	$0.00	
Western Mine Dev.	Manhattan Mill	5/24/2000	$114,288.77	4.48%	terminated	$ -	$0.00	
TNT Venture	Big Canyon	1/27/2010	$78,161.00	3.06%		$ 39,615.03	$48,741.14	113.0%
Dun Glen Mining	Dun Glen	8/11/2014	$373,981.00	14.66%		$200,648.22	$182,686.32	102.5%
Statewide Notice-Level	Various	various	$666,257.00	26.12%	59 Notice-level bonds			
Total Bond Amount			$2,550,831.16					
Cash in Pool's Account (From BSR - 7/31/20)			$3,630,364.69					
Unfunded Amount			-$1,079,533.53					
Percent funded			142.3%					

Major Activities

1. Continued work on FY22/23 budget.
2. Solicited information from EITS and completed RFP for contracting of computer IT and LAN support.
3. Prepared RFP for contracting of cultural resource analysis of proposed AML hard closure sites.
4. Assisted with AML owner notification mail-out.

Chief, Abandoned Mine Lands Program

The AML notification mail-out was finalized and included 1,248 hazards. Questions and comments from claimants are being addressed and noted. The summer interns continued to concentrate on NV point data and inventory work in areas within 2 hours drive from Carson City. Other notable developments are as follows:

1. Completed all 102 closures of the Walker River State Park Project.
2. Continued work with TerraSepctra Geomatics on testing, data entry, and QAQC of the new Hardrock Closure Database and the AML Notification Mail out
3. Presented AML Update to Commission on Minerals Resources

4. Aided with production of the new AML – Stay Out Stay Alive video
5. EPS performed fencing in the Treasure Hill area of White Pine County. A total of 96 hazards were either fenced or posted.
6. EPS completed the Misfits Flat Closure project backfilling six hazards off Hwy 50 east of Dayton.
7. Summer interns continued to work in the Lyon, Douglas, Mineral and Storey Counties.
8. Updated the NPS with cost estimates on the Copper Butte Closure Project in Lake Mead National Recreation Area. An inter local contract will be created with expected work in Winter '21.
9. Performed the annual AML Notification mail-out to over 300 claimants for 1,248 AML hazards

	SITES INVENTORIED	SITES SECURED	% Secured
Since 1987	23,476	18,883	80%
2020 To Date	175	398	255%

Fluid Minerals Program Manager:

1. Five geothermal permits were issued in July. Two of the permits were for geothermal project areas at Ormat Nevada's New York Canyon and Crescent Valley projects. Two geothermal production wells, 37(48)-3 and 45(57)-3, were permitted for Crescent Valley, and one production well, 68A(82-11)-2, was permitted for New York Canyon.
2. No oil related permits were issued in July.
3. The Western Oil Exploration 35-1 spudded on July 17th.
4. Five geothermal and 2 oil sundries were approved during July.
5. Reviewed USG Nevada's (Ormat Nevada) application and drilling program for the San Emidio 84-20 injection well.
6. Reviewed Ormat Nevada's application and drilling program for the Dixie Meadows 14A-8 injection well.
7. Courtney Brailo and I witnessed the stimulation procedures for the Blue Mountain 86(25-23)-22 observation well. There were four stages performed over a three day period. All stages went very well. Injection testing began the following week, and was performed for several days.
8. Due to the stimulation at Blue Mountain lasting three days rather than two, the wells at Beowawe, Crescent Valley, and Jersey Valley planned for inspection were not inspected. I will inspect these wells in August or September. No geothermal or oil wells have been inspected during FY21.

GIS/ Field Specialist

1. Working with Rachel Micander (NBMG) on ESRI Mining Users Group talk, then gave talk
2. Performed AML land research.
3. Worked on Annual Mine Status and Production database for 2019 figures, finished data entry!!
4. Updated mining claims on open data site.
5. Worked on AML notification list.
6. Mass updates for AML including updating of AML photos.
7. Prepared maps for interns.
8. Processed AML intern data and OGG inspection data.

AML/Fluid Minerals Field Specialist

1. Conducted AML inventory and revisits of AML features over multiple days at Dayton and New Empire topographic quadrangles, Lyon County, using Lidar identified features, UAS surveying and traditional surveying techniques.
2. Completed Hard Closure Project Fact Sheet for projects completed in 2019.
3. Created multiple python scripts for use with ArcMap, including: scripts for the quality control of large quantities AML data during the field work check-in process; script for the auto-export of field work data; script for population of BLM/FS field office used in AML site check-in. Reviewed check-in script with GIS specialist for improvement and explanation.
4. Attended and contributed to meetings with NDOM/Nevada Mining Association on planning for the creation of content for a digital learning interface with Colorado Mining Association Education Foundation.
5. Attended FAA Unmanned Aerial Systems (UAS) Virtual 2-day Symposium.
6. Witnessed geothermal stimulation stages at the Blue Mountain Geothermal Field, with FMR program manager. Also conducted AML revisits and non-hazard inventory at the Ten Mile mine, Humboldt County.

Accepted the position of Information Security Officer (ISO) for the Division; began review of existing agency documents and attended State's Information Security Committee monthly meeting. Reviewed and reported on IT issues affecting the Division to Division staff via email.

AML/Public Outreach – Southern Nevada Programs Manager

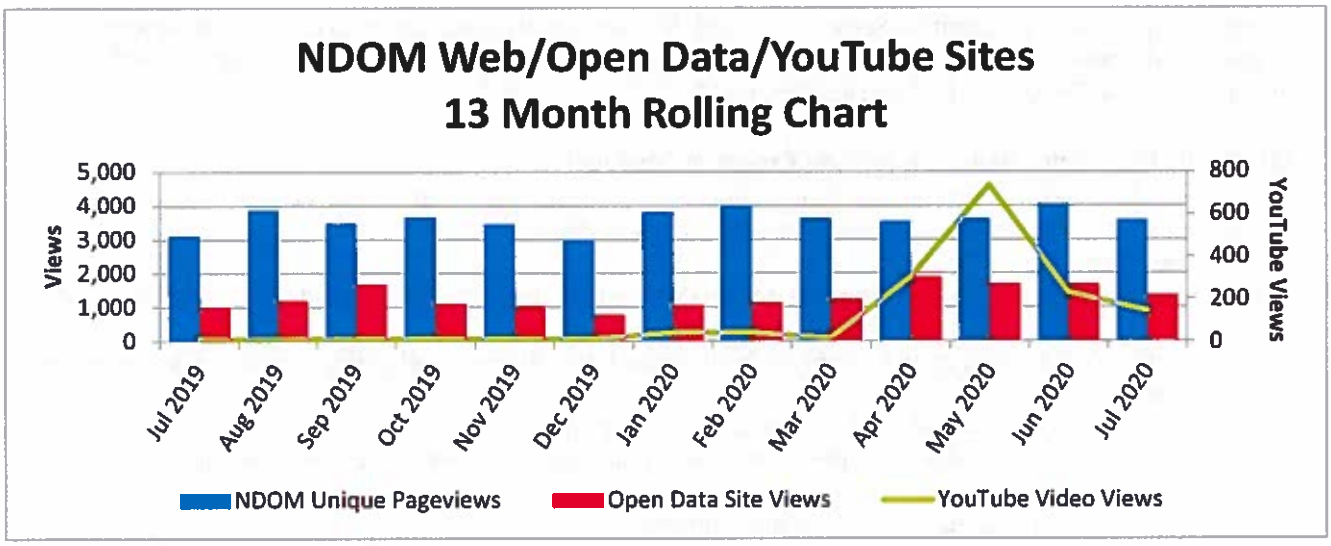
1. Conducted field visits in the Keyhole Canyon and Nelson quadrangles south of Las Vegas.
2. Migrated the NAAMLP 2020 Conference website to a new domain at naamlp2021.com. Continued to add and update content as changes are made.
3. Responded to a high-priority securing reported by the public in the town of Searchlight. Fenced a shaft within 100ft of the US-95 highway that was previously uninventoried.
4. Participated in NvMA Education Committee meetings and discussions on migrating the teacher's workshops to a virtual format.
5. Reviewed Fleet Services versus agency-maintained vehicle options with Rob.
6. Drafted an RFP to contract for AML revisit services within southern Nevada over a two-year period beginning January 2021.
7. Attended courses in the 2020 ESRI UC virtual conference.
8. Continued to advance the fabrication phase of the Las Vegas Natural History Museum project with contractor 3saurus. Continue to adjust print and text design documents as new ideas are discussed and accepted.
9. Began drafting a new distance education video on metals mining in Nevada.
10. Chaired a quarterly McCaw Board of Directors meeting.
11. Conducted a biannual review with the McCaw School of Mines Executive Director.
12. Participated in a State of Nevada Veterans Peer Mentor Group meeting.
13. Participated in a Clark County School District CHOLLA meeting.

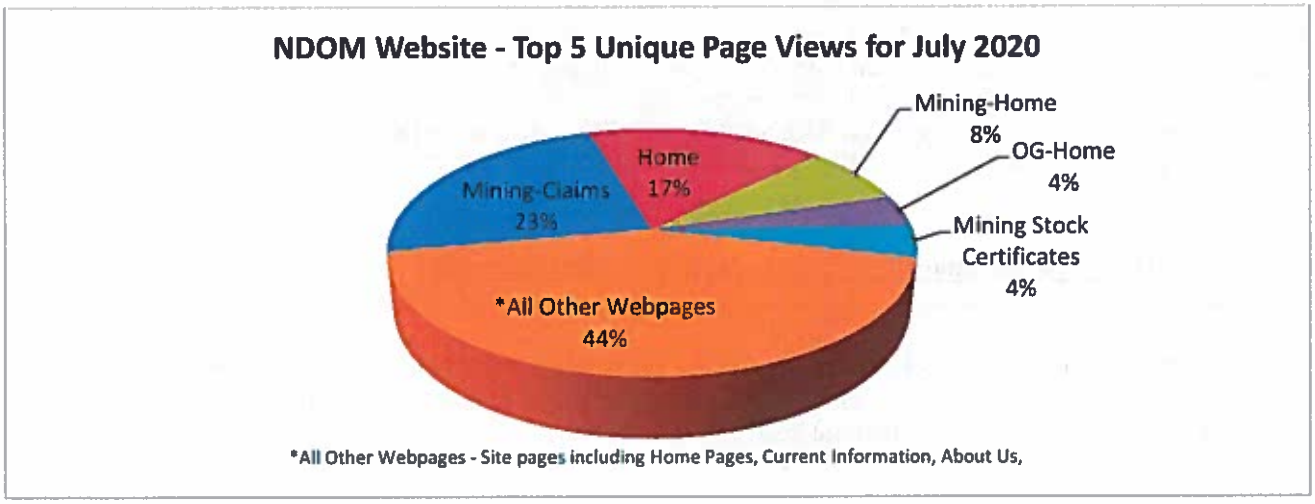
AML/Public Outreach and Education – Southern Nevada Field Specialist

1. Participated in a meeting with Nevada Mining Association and the NDOM team to discuss putting together a virtual mining course.
2. Attended technical sessions, demonstrations, and the map gallery at the virtual Esri Users Conference.
3. Continued working on spreadsheet containing contact information of teachers and CCSD employees that I interacted with during the 2019-2020 school year.
4. Attended and participated in Las Vegas Natural History Museum kick off meeting for discussion of phase II timeline and milestones.
5. Continued work on Las Vegas Natural History Museum exhibit.
6. Followed up with CCSD community partnership and verified that a link to NDOM's online distance education resources is now available on the CCSD and CHOLLA websites.
7. Continued work on modifying classroom activity on erosion into a five-part video series with accompanying worksheets to be used for distance learning.
8. Attended and participated in CHOLLA (Connecting Hands Offering Life-long Learning Adventures) meeting. CCSD employees updated members about the distance learning format that CCSD has planned for the 2020-2021 school year. CCSD extended an invitation to CHOLLA members to present about online resources at the New Teacher Kick-off.
9. Attended Virtual Mining for STEAM Education meeting with NDOM, Nevada Mining Association, and Sierra Nevada Journeys.

Website Activity

Period	NDOM Pageviews	NDOM Unique Pageviews	Top 5 Pageviews	Open Data Site Views	YouTube Video Views
Jul 2020	5,047	3,577	Mining Claims, Home, Mining-Home, OG-Home, Mining Stock Certificates	1,364	143
Jul 2019-Jul 2020	66,142	46,714		16,877	1,559





Top Visitors		
Jul-2020	Country	United States, Canada, United Kingdom, India, and Australia/China
	State	Nevada, California, Texas, Colorado, and Utah
	City	Las Vegas, Reno, (unknown), Carson City, and Sacramento

Video Title	Video publish time	06/2020 Views	07/2020 Views	Diff 06/2020 & 07/2020	Ranking for July 2020
Stay Out and Stay Alive	Apr 12, 2018	27	67	40	1
Nevada Mineral Explorer Demo	May 29, 2020	111	14	-97	2
A General Overview on Earth's Geologic History, Evolution, and the Geologic History of Nevada	Apr 28, 2020	21	13	-8	3
Some Rocks	Apr 24, 2020	1	9	8	4
Minerals Education Series - 1	Apr 21, 2020	6	8	2	5
Weathering & Erosion Part 1	May 1, 2020	11	8	-3	5

Add ons: Videos on other sites	Video publish time	06/2020 Views	07/2020 Views	Diff 06/2020 & 07/2020
Nevada Mineral Explorer Demo (NBMG YouTube)	May 23, 2020	32	15	-17
Building a Web Mapping Platform for Mining Organizations (ESRI)	Jun 24, 2020	81	89	8

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/

STEVE SISOLAK
Governor

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

MICHAEL VISHER
Administrator

MONTHLY ACTIVITY REPORTS
August 2020

Administrator

1. Worked with staff on biennial budget planning and final agency budget submission, which occurred on 9/1.
2. The agency requested and received $1,350 in CARES Act funds as reimbursement for agency-incurred costs in response to the COVID-19 pandemic. This included supplies, equipment and Administrative Leave hours.
3. Attended weekly multi-agency meetings regarding impacts from, and status of, Western Oil Exploration's activity in Newark Valley, White Pine County.
4. Coordinated a response from five mine operators in western and southern Nevada to the Governor's Office of Economic Development regarding suitable sites for testing of autonomous mining equipment.
5. Received a request from UNR for financial or in-kind assistance in the securing of AML hazards on property owned by them in the Wonder Mining District following their receipt of unsecured hazard notification of 38 sites. The cost to have our contractor secure the sites will be estimated by the AML Chief as part of our evaluation and response to the request.
6. Responded to several requests for assistance in finding and securing AML hazards following their receipt of unsecured hazard notifications.
7. Received a report of a new, albeit small, subsidence feature on the Tonopah Library parcel and an inquiry as to whether it might be related to historical underground mineral development. Research of scanned historic mine maps, located on the NBMG website, found only minimal development, consisting of one access drift created in 1915 located 300' beneath parcel. A site visit may be conducted in September to assess other possible causes and/or consideration of use of PUF by the Division to fill the feature.
8. Continued working with EITS regarding the office IT network transitions. Purchase of required new equipment will be initiated in September; however final transition is not likely until December or January. In the meantime the Division of Industrial Relations continues to provide IT support.
9. Attended the NvMA Environmental Committee and Public Policy Committee virtual meetings.
10. Attended kick-off meeting with staff from NDEP to begin review and anticipated update of interagency MOU regarding interaction between their agency and our Fluid Minerals program.

Deputy Administrator

1. Bond pool activity in August:
   a. One new notice-level bond
   b. One increase to a plan-level bond
   c. Two complete release of notice-level bonds
2. Continued work on FY22/23 budget.
3. Worked on FY21 Work Programs and FY20 yearend closing with Valerie.

Randy Griffin; *Small-Scale Mining and Prospecting*
Mary Korpi, *Public at Large*
Arthur Henderson, *Oil and Gas*

Commission on Mineral Resources
Richard DeLong, *Chairman; Large-Scale Mining*

Nigel Bain; *Large-Scale Mining*
Robert Felder; *Exploration and Development*
Josh Nordquist; *Geothermal Resources*

4. Solicited an RFP for contracting of computer IT and LAN support. Contract is expected to be awarded in September.
5. Assisted with AML program updates and the July owner notification mail-out responses.
6. End-of-August financial summary of bond pool:

Reclamation Bond Pool Status Report		Current to:	8/31/2020					
Plan-level Bonds - Company	**Project**	**Entry Date**	**Bond Amount**	**% of Pool**	**Comments**	**Deposit**	**Premiums Paid**	**% Bond Whole**
Custom Details	Bovie-Lew	11/17/2006	$14,643.00	0.56%	Reduced 5/20	$ 7,328.32	$18,198.99	174.3%
New Gold Nevada (NV Rae)	Black Rock Canyon	4/15/2005	$727,087.00	27.90%		$ 415,856.34	$366,659.72	107.6%
SNL Sand LLC	Money Pit	5/21/2004	$430,088.00	16.50%		$ 233,171.91	$282,433.84	119.9%
Western Mine Dev.	Victorine Mine	5/24/2000	$45,875.39	1.76%	terminated	$ -	$0.00	
Western Mine Dev.	Kingston Mill	5/24/2000	$100,450.00	3.85%	terminated	$ -	$0.00	
Western Mine Dev.	Manhattan Mill	5/24/2000	$114,288.77	4.39%	terminated	$ -	$0.00	
TNT Venture	Big Canyon	1/27/2010	$78,161.00	3.00%		$ 39,615.03	$48,741.14	113.0%
Dun Glen Mining	Dun Glen	8/11/2014	$439,240.00	16.86%	Increase 8/20	$ 200,648.22	$182,686.32	87.3%
Statewide Notice-Level	**Various**	**Various**	**$656,001.00**	**25.17%**	**58 Notice-level bonds**			

Total Bond Amount	**$2,605,834.16**
Cash in Pool's Account (From BSR - 8/31/20)	**$3,630,364.69**
Unfunded Amount	**-$1,024,530.53**
Percent funded	**139.3%**

Chief, Abandoned Mine Lands Program

AML work in August was focused on responding to information requests from claimants involved in the July 2020 AML mail-out. Project work by EPS included project work in Tonopah and re-securing/revisit work on vandalized or fire damaged sites.

1. EPS secured 25 hazards and logged 13 non – hazards at the Tonopah North Project and re-secured 4 sites in Lincoln and White Pine County. Hard closure project work on 21 sites has begun and will include bat compatible closure insulation and PUF closures.

2. Continued daily outreach and correspondence to claimants identified by July AML Notification mail-out

3. Summer intern season came to a close with follow up QA/QC and data entry commencing

	SITES INVENTORIED	SITES SECURED	% Secured
Since 1987	23,514	18,908	80%
2020 To Date	213	423	255%

GIS/ Field Specialist

1. The remaining annual status and production data was entered into the database and QA/QC was completed.
2. Historic mineral production data was processed and published to web for use in a new web application that can be found on the "Nevada Mineral Producers, Commodities & Occurrences" page on the open data site or by CLICKING HERE.
3. All oil, gas and geothermal production data was published to the web for use in a new web application that can be found on the new OGG page on the open data site or by CLICKING HERE.
4. All OGG lease and active field data was updated on the open data site.
5. Historic mining claim data was updated on the open data site.
6. BLM Notice and Plan data was updated on the open data site.
7. All feature services with more than one layer were republished and reconfigured as a work-around to an ESRI bug prohibiting data from being downloaded.
8. The 2019 Major Mines publication was compiled and completed and sent to NBMG for final proofing and publication.
9. Attended and presented, along with Jim Faulds, at the Legislative Committee on Energy's August meeting.

10. Completed the processing and uploading of the data collected by the 2020 summer interns.
11. Participated in meetings with NvMA and the Colorado Mining Association Education Foundation for the development of a virtual platform for teacher learning.
12. Worked on historic land withdrawal research to update data.

AML/Fluid Minerals Field Specialist

1. AML presentation of fieldwork completed and Lidar of the Virginia Range with Comstock Mining, including exchange of data.
2. Completed and tested AML fieldwork check-in script for data clean-up and efficiency. Began compiling newly identified features of interest with NVPoint layer for fieldwork planning.
3. Fieldwork – Newark Valley drone work, with interagency collaboration (NDEP, SETT, and BLM). Survey of multiple pads, roads, and stitching/post-processing of photos.
4. Began planning for Geothermal Resources Council (GRC) annual conference, creation of a virtual booth with Division staff and GRC representatives.
5. Attended and contributed to meetings with NDOM/NvMA on planning for the creation of content for a digital learning platform for teachers.
6. Attended monthly State Information Security Committee Meeting, reviewed and reported on Information Security issues affecting the Division to Division staff via email. Began configuration of KnowBe4 information security training portal for the Division, with help from Department of Administration.

AML/Public Outreach – Southern Nevada Programs Manager

1. Drafted an RFP to contract for AML revisit work in southern Nevada over the next two years.
2. Created the 2020 Mining Reclamation Awards flyer.
3. Assisted more than 20 claimants who reached out to the Division for information regarding the July 2020 AML notification letter mail.
4. Worked with the CHOLLA network to have NDOM's education videos uploaded and used as pilot resources on their hosting website enabled through PBS Vegas.
5. Completed another round of updates to several of the LVNHM exhibit graphics. Hosted several meetings between NDOM staff, LVNHM staff and the exhibit contractor, 3saurus LLC. Fabrication is underway.
6. Participated in a SOSA modification meeting with TerraSpectra and NDOM staff.
7. Hosted a SOSA-notification-system overhaul kickoff meeting between TerraSpectra and NDOM staff after working on plans to improve the system.
8. Participated in an NAAMLP 2021 planning meeting.
9. Participated in an NvMA Education Committee meeting to discuss the spring teachers' workshops.
10. Participated in Part II of the FAA/UAS Virtual Symposium.

AML/Public Outreach and Education – Southern Nevada Field Specialist

1. Participated in three meetings with Nevada Mining Association, Colorado Mining Association Education Foundation, and members of NDOM team to plan a virtual mining course for teachers.
2. Continued work on Las Vegas Natural History Museum exhibit. Worked with Garrett to finalize details and text of each component of the exhibit before submitting to museum for review.
3. Attended special CHOLLA session on digital learning and hosting an "Ask-a-Professional" session. The session contained good information about doing live digital presentations for classrooms.
4. Continued work on modifying classroom activity on erosion into a multipart video series with accompanying worksheets to be used for distance learning.
5. Attended webinar from Ore Deposits Hub for professional development.
6. Continued adding to the spreadsheet containing contact information of teachers and CCSD employees.

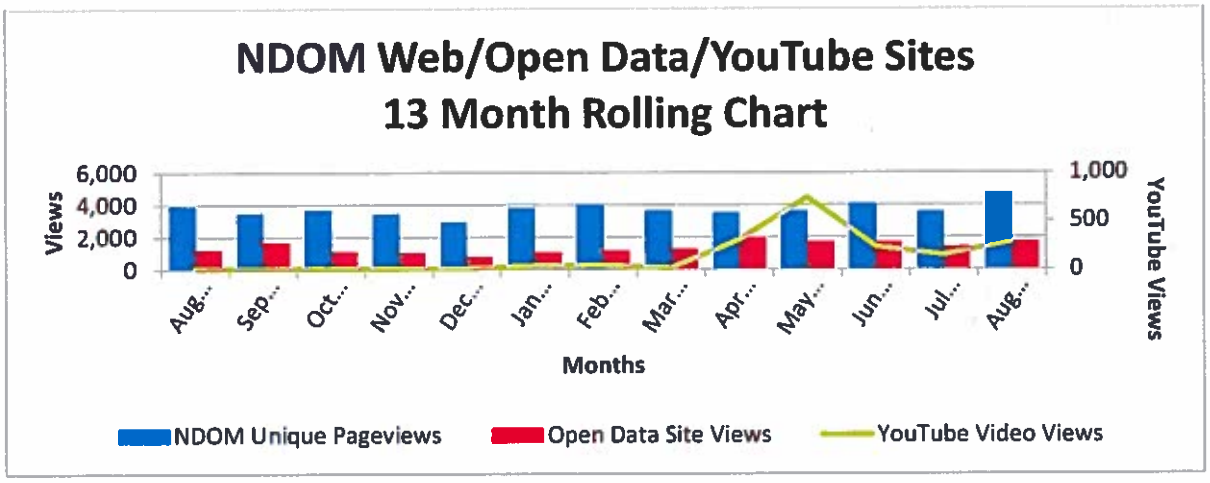
Fluid Minerals Program Manager:

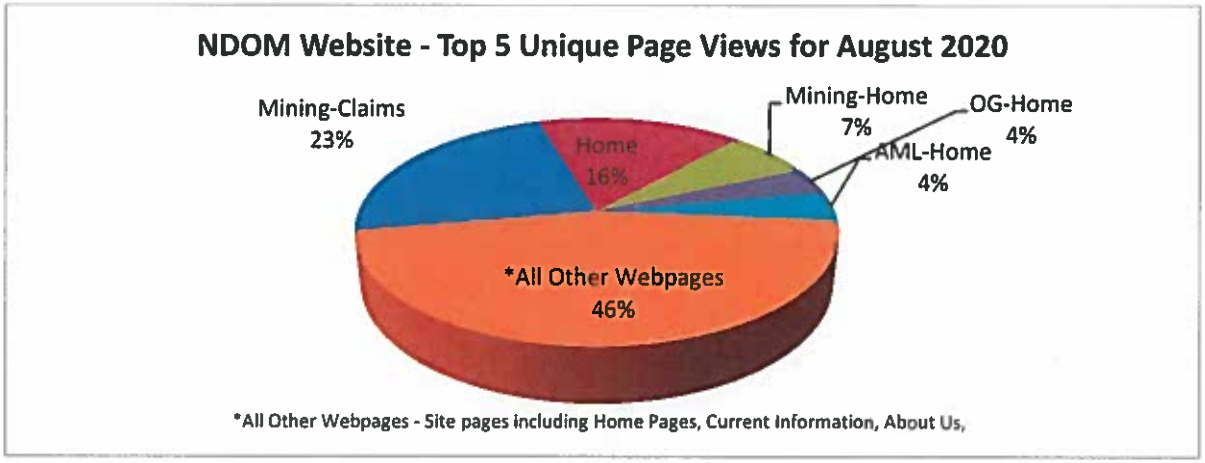
1. No geothermal permits were issued in August. Ormat Nevada began mobing the Kenai 17 drilling rig to the 68A(82-11)-2 production well location (New York Canyon, Pershing County) in late August, but did not spud until September 1st.No oil related permits were issued in August.

2. The Western Oil Exploration 35-1 spudded on July 17th. The BLM issued a drilling shut down order to Western Oil Exploration on July 24th due to excessive damage to access road and drill pad, as well as having too many living quarters on the drill pad. The order went into effect on July 27th after plug-back operations were completed. Western Oil Exploration graveled the access road and drill pad in an attempt to have the shut-down order lifted. Issues with the BLM, NDEP, NDOW, SETT, DWR, and White Pine County were being evaluated by the agencies due primarily to the amount of acreage disturbance found and severe damage done to roads in the southern Newark Valley area by either Western Oil Exploration or Western Gold.
3. Involved in weekly teleconferences with all agencies involved in the Western Oil Exploration shut-down.
4. Two geothermal and one oil sundry notices were approved during August.
5. Reviewed six temperature gradient well applications from Whitegrass 1 LLC and Open Mountain Energy for the Wabuska area. Whitegrass 1 is a subsidiary of Open Mountain Energy. The two Whitegrass applications are for private land, and the four Open Mountain Energy applications are for federally managed land.
6. Review Terra-Gen's sundry notice to plug and abandon the Dixie Valley 45-14 observation well, Permit 9.
7. Finalized review of Ormat Nevada's application and revised drilling program for the Dixie Meadows 14A-8 injection well. Waiting on BLM notification of approval.
8. The plugging and abandonment requirement date for 3PL Operating's LD 1-32 MDRE exploration well was extended from August 19th to September 21st. The company has applied for a water right with DWR in Railroad Valley, Basin 173B. The time extension was granted to provide more time for DWR to review the application.
9. No wells were inspected during August.

Website Activity

Period	NDOM Pageviews	NDOM Unique Pageviews	Top 5 Pageviews	Open Data Site Views	YouTube Video Views
Aug 2020	6,781	4,685	Mining Claims, Home, Mining-Home, OG-Home, AML-Home	1,703	278
Aug 2019-Aug 2020	68,522	48,289		17,582	1,827





Top Visitors		
Aug-2020	Country	United States, Canada, Germany, Australia, and India/(unknown)
	State	Nevada, California, Texas, Colorado, and Utah
	City	Las Vegas, Reno, (unknown), Carson City, and Sacramento

Number of Video Views in August 2020	Top 5 YouTube Videos
278	Building a Web Mapping Platform, Stay Out and Stay Alive, Minerals Education Series 1, Nevada Mineral Explorer Web Application Demo, and Earth and Nevada Geological History