



STATE OF NEVADA  
 COMMISSION ON MINERAL RESOURCES  
**DIVISION OF MINERALS**  
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**RICHARD PERRY**  
 Administrator

**COMMISSION ON MINERAL RESOURCES**  
 Clark County Commission Chambers  
 500 S. Grand Central Pkwy., Las Vegas, NV 89155

Thursday, May 17, 2018

1:00 P.M.

**MINUTES**

**CALL TO ORDER**

1:02 PM

**ROLL CALL**

All commissioners were present with the exception of John Snow.

Commission Present:	Staff Present:
Richard DeLong	Rich Perry
Dennis Bryan	Rob Ghiglieri
Nigel Bain	Valerie Kneefel
Art Henderson	Mike Visher
Mary Korpi	Garrett Wake
David Parker	Aubrey Bonde
	Debbie Selig
	Bryan Stockton

**PLEDGE OF ALLEGIANCE**

**COMMENTS BY THE GENERAL PUBLIC**

Rich DeLong: We lost a great Nevadan recently, Fred Gibson. His interests in Nevada were very wide ranging, from industry to philanthropy to mining. He served as the chairman of the Minerals Commission for approximately 30 years. He helped guide the Commission and the Division through several incarnations. His wisdom, insight and friendship will be greatly missed.

**I. MINUTES**

A. Approval of the February 20, 2018 meeting minutes

**Motion to approve minutes by Nigel Bain**

**Seconded by David Parker**

**Unanimously approved**

B. Approval of the April 27, 2018 Commission hearing minutes

**Motion to approve minutes by Dennis Bryan**

**Seconded by David Parker**

**Unanimously approved**

**II. NEW BUSINESS**

A. NDOM Abandoned Mine Lands (AML) 2017 program summary and plan for 2018 work activities. AML Chief Rob Ghiglieri will present.

Rob Ghiglieri: Gave a PowerPoint presentation:

The following is a 2017 Review-

There were NO reported abandoned mine accidents or fatalities making 2017 the fourth year in a row without an incident.

In 2017, 1,021 hazards were discovered and 1,152 hazards were secured. 641 hazards securing's by the Division, the most in program history for a calendar year. 957 known hazards were revisited to confirm securing status and make repairs as needed. Hazards discovered and ranked since the beginning of the program is now 21,632 discovered and the total number recorded as secured is 17,456. 329 permanent AML closures took place in 13 of 17 Nevada counties. There were 87 by the Division.

The AML interns secured 490 hazards between summer and winter. The Division and its contractor Environmental Protection Services built a demonstration bat compatible grate with informational kiosk at the Tonopah Historic Mining Park. The Division surpassed both of the AML performance indicators required by the State Legislature. 80.7% of discovered hazards were secured, and total public awareness presentations averaged 31 per staff member for the year.

Here are the 2017 Emergency Closures-

Carnation- A Jeep was parked on the road when the back right tire collapsed into a "ballroom" style working below and almost took the Jeep with it. The hazard was fenced and road closed the following day after being reported. 14 hazards in the immediate area were closed, including five wildlife compatible closures, for \$46,038.68.

Monte Cristo-A collapse of a "ballroom" style working along the Virginia City Grand Prix race route. NDOM staff and Storey County firefighter constructed a fence the same day it was reported. Site was backfilled for \$3,000.

Rich Perry: Clark County is only for the Winter Interns.

Nigel Bain: You're doing record numbers, is it true to say that our cost per site or closure is going down?

Rob Ghiglieri: as for fencings, the record to that is a combination between summer and winter interns. The winter interns are getting 150 to 200 fencings that we normally wouldn't have closed. The contracting has gone up as well. As well as the digital field devices, bringing technology in. We're now traveling a bit farther to get to new sites. All of this is making the price per closure go up a bit.

Expected 2018 contractor work:

Hard Closure Projects

Arden (Completed)

- 47 hard closures on County and BLM land

Broken Hills

- 40 hazards Mineral County

Tungsten Mountain Closure Project

- Some BCC's completed in 2017, the 11 remaining sites to be completed

Fort Churchill

Gold Butte AML

- 42 hazards in the new National Monument
- \$165,000 of funding from Clark County Desert Conservation

Inventory and Fencings projects

Gold Point, fencings in the area after 2018 summer intern loggings

Shoshone, Inventory and Fencing

White Pine, Fencing

Walker River State Park

MGL Mine

Rich DeLong: Sounds like it was a great year. This is really good for the state.

B. Development and delivery of Minerals Education and AML lessons in Southern Nevada. Field Specialist Aubrey Bonde will present lesson plans and a summary of 2017 activities.

Aubrey Bonde: Gave a PowerPoint presentation.

Here is an example of the lesson plan that we provide to the teachers:

**Grade Level & Duration:** Kindergarten & 50 minutes

**Description:** This activity demonstrates the ability of people to use natural materials to meet their needs.

**Goals:** Students will understand how people extract and use Earth’s materials and the suitability of those materials for different applications.

**Objectives:** Students will use natural materials (e.g., straw and wood) and mined, processed materials (e.g., brick) to build model homes and then test the durability of each of the materials as a use in construction.

**Background:** Lesson can begin by reading the story of the Three Little Pigs. Then talk about each of the materials they used. Straw comes from dried stalks of grain, sticks come from trees and are made of wood, bricks are processed sand and clay that is baked to become hardened. Talk about if we currently use straw, wood, and bricks as uses for homes. Then test why we would use each following the activity below.

**Standards:**

Science and Engineering Practices	Crosscutting Concepts	Disciplinary Core Ideas	NGSS	NVACC
Engaging in Argument for Evidence	Systems and System Models	ESS2.B. <u>Biogeology</u>	K-ESS2-2. Construct an argument supported by evidence for how plants and animals (including humans) can change the environment to meet their needs.	RI.K.1. With prompting and support, ask and answer questions about key details in a text.
Planning and Carrying Out Investigations	Interdependence of Science, Engineering, and Technology	ESS3.A. Natural Resources		MP.2. Reason abstractly and quantitatively.
Developing and Using Models	Influence of Engineering, Technology, and Science on Society and the Natural World	ESS3.C. Human Impacts on Earth Systems	K-ESS3-3. Communicate solutions that will reduce the impact of humans on land, water, air, and/or other living things in the local environment.	MP.4. Model with mathematics.
Obtaining, Evaluating, and Communicating Information		ETS1.A. Defining and Delimiting an Engineering Problem		

Here is what the new NDOM Geoscience lessons look like:

Grade	Lesson	Adaptability
Kinder	The Three Little Pigs: Building Materials	1 <sup>st</sup>
1 <sup>st</sup>	Rolling along the Rock Cycle	2 <sup>nd</sup> –Middle
2 <sup>nd</sup>	What am I made of?	4 <sup>th</sup> – 5 <sup>th</sup>
3 <sup>rd</sup>	Minerals Role in Fossilization	1 <sup>st</sup> – 5 <sup>th</sup>
4 <sup>th</sup>	Earth and Human Activity	5 <sup>th</sup> – High
5 <sup>th</sup>	Minerals and their Products	4 <sup>th</sup> – Middle
Middle	Minerals Identification and Social Utility	High

Learning techniques- We use a variety of techniques to engage students of all learning types.

We have interactive presentations, hands-on activities (manipulative objects, maps, books, activity pages, mineral and rock hand samples, mineral testing tools, etc.), group work and group presentations.

Lesson development- Lessons are designed to be flexible in addition to adaptable.

For example, a teacher may just provide grade level and leave the content up to us, although if they are specific in their content we can use these lessons to pluck information from and meet their preferences.

Efficacy of the lessons- Teachers have used the lessons for their activity grades for that day. We have had extremely positive feedback from teachers. We are already booking lessons for next school year. The number of classroom presentations has increased.

Plans for the future- Reach out to more Middle Schools and High Schools and more rural schools. We will be updating lessons and creating additional novel activities.

Rich DeLong: How many High School (HS) and Middle School (MS) in Clark County?

Aubrey Bonde: At least a thousand total schools, I think. We definitely have room to grow with many more schools to reach out to.

Rich DeLong: It's great to see these numbers increase for outreach, it's really important

Dave Parker: It seems that HS and MS is a critical ages why is the emphasis on grade school?

Aubrey Bonde: There is a lot less emphasis in HS and MS, they've got this standard that they have to hit during the school year. They have geoscience classes, but it's more of an elective. And rarely, in Clark County is there a geoscience teacher. There just isn't enough emphasis on the geosciences.

Dave Parker: Don't you bring in a lot of Chemistry, such as what are these rocks made of?

Aubrey Bonde: I've been gathering information for biology teachers. The Environmental Science teachers are probably going to be the pathway into the geoscience.

Rich DeLong: Mr. Bain just Googled how many schools there are in Clark County, it is 336. If we are hitting 250 per year, we are getting most of them. This is really impressive.

Aubrey Bonde: 250 is the total number of presentations. This year I've been in over 40 schools, which leaves a lot more to do.

Dennis Bryan: What is a rule of standards on slide 3 mean?

Aubrey Bonde: Nevada's science standards adhere to the Next Generation Science Standards (NGSS). Nevada academic standard. Cross cutting standards and how we incorporate the STEM.

Dennis Bryan: These are the standards that teachers must teach their children?

Aubrey Bonde: Yes. There isn't a lot of geology in the standards, so this curriculum connects the geo into the standards.

Mary Korpi: Great job. Are the lesson plans and materials available on our website?

Aubrey Bonde: Not yet, but we are looking to put them on our website or NVMA's website. We try to collaborate with them.

Art Henderson: (This question is for Rich) In Tonopah, we talked about education of oil and gas and hydraulic fracking. I don't see anything about that here. We focused on Las Vegas because it is the area that has the most people here that were opposed to fracking. We said we were going to focus on the students, especially HS students because they will become voters very soon. I don't see anything in this program.

Rich Perry: The first activity we are developing is from Courtney Brailo. She is putting together an exercise for the Teachers Workshop on oil drilling with hydraulic fracturing. She's working on that now and should be ready for the July workshop in Reno.

Art Henderson: You're showing plastic in the "identifications/what am I made of", but you can't mine that. Plastic comes from oil. You could go a few extra steps and show some things that are from oil. We should include products from oil.

Dennis Bryan: When you talk about plastic you don't say it comes from oil?

Aubrey Bonde: We talk about them being from petroleum products but we don't go into it much.

Art Henderson: When we had our public hearing here on fracking, the room was packed. The people in this area I believe misunderstand what fracking is about. We must introduce them to our program, and you say you have a plan to do that. It was a priority to educate the public and I just don't see that it's being done.

Rich Perry: The exercise at the teacher's workshop is a geothermal one for the past couple of years. We will get the new oil drilling one rolled out at the teacher's workshop first and then continue to add to it.

Art Henderson: The whole purpose of this is because we understand at the next Legislative session we are going to face the same story as we did before and now we've lost nine months of education.

Dennis Bryan: The latest National Geographic magazine is on plastic, and it's very negative. There is a lot of education that needs to be done.

Nigel Bain: congratulations on a good program, Aubrey. These comments are not a reflection on your efforts.

C. 2017 Nevada Mineral, Geothermal and Oil production statistics. Production data is due from all Nevada producers by April of each year. Mike Visher will present the first look at 2017 production for the State.

Mike Visher passed out a press release, on silver, copper and gold production for the state in 2017. We are up 3.2% for Gold. We did slip in the global ranking from 4<sup>th</sup> to 5<sup>th</sup>. He went through the production numbers in more detail which were provided in the commission packets and available to the public.

D. 2019-2020 biennium budget development. Development of the next biennium budget will begin this July. Rich Perry will present the major initiatives funded in the existing budget and is seeking input from the CMR on priorities for the next biennium.

Rich Perry: gave a PowerPoint presentation.

Recap of 2018-2019 Budget-

Personnel

- Moved vacancy and hired Field Specialist in Las Vegas
- F/T staffing at 11
- Legislature approved salary caps for 4 unclassified positions

Special Projects

- NBMG 2-year agreement for reports and archiving \$85K/yr
- NvMA Teachers Workshop supplies and buses - \$15K/yr
- PDAC Trade Booth – \$25K/yr + travel (2018 was 1<sup>st</sup> year)
- 2 new portable trade show booths - \$18K
- 2018 was last year of MSM \$2 claim fee - \$359K

AML Enhancement – Hard closure work

- 2018: \$488K - \$150K reimbursed = \$338K
- 2019: Forecast: \$417K - \$192 reimbursed = \$225K

PERFORMANCE MEASURES	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018P</u>	<u>2019</u>
<i>ACTIVITY: OGG Well and Resource Regulation</i>						
MEASURE: Percent of OGG Wells inspected per year	99.64%	33.69%	60%	48%	41%	41%
GOAL: 33% of all wells in state inspected per year						
<i>ACTIVITY: Mining Regulation and Fluid Management and Reclamation</i>						
MEASURE: Percent of Hazardous Abandoned Mine Openings Secured	79.06%	80.40%	80.97%	80.88%	80.00%	81.02%
GOAL: > 70% annually						
<i>ACTIVITY: Mining Regulation and Fluid Management and Reclamation</i>						
MEASURE: AML AND MINERALS EDUCATION PRESENTATION PER	196	192	252	345	386	220

YEAR

Goal: 20 per year per employee average

Budget Assumptions for Biennium July, 2019-June 202-  
Personnel

- No change at 11 F/T employees and 8 summer interns

Special Projects

- Continue with \$85K/yr. deliverables with NBMG
- PDAC trade booth + travel for 2-3 ~\$38,000/yr.
- Continue annual funding for Teacher Workshops at \$15K/yr.
- New professional Stay Out, Stay Alive video (HD) and Public Service Announcements ~\$110,000

Fleet Services for truck replacements

AML Enhancements (contracted hard-closure work)

- Estimate our upper capacity at appx \$500K/yr. (5 projects of avg. \$100K each)

Hardware/Software/GIS - \$22K in FY 2020, \$25K in FY 2021

Options to evaluate when building the budget-

Performance measures

- Ideas from CMR on what else should be measured?

Additional AML hard-closure contracted work each year to keep reserve at minimum ~\$950K

Assumptions of number of claims

- In last budget we assumed declining number of claims

Other ideas for discussion

Rich DeLong: I was wondering about capacity and limits of capacity. What would be the next step to take to move farther? Is the limit because we only have one contractor to do the work, do we need to find another contractor to help ramp it up? Or is it that we don't have enough staff to manage the additional issues that go along with the hard closures, or both?

Rob Ghiglieri: One of the biggest constraints we have isn't what we can do internally. It is the approval process for cultural resource surveys by the BLM or Forest Service. We've been working on this list of closure projects that have probably a couple million dollars' worth of projects and I may submit a request to do these 2 years in advance. It's more of a logistical process to get an approval. There are a few projects that are coming down the pipeline that will be a little more expensive because they are in the Virginia City area. There is a lot more work there due to historical preservation and that will be a different closure.

Rich DeLong: What I'm hearing is this is a pipeline issue not a capacity issue from the Division. The real bottleneck is actually the BLM or the Forest Service.

Rob Ghiglieri: We like to inventory everything in the entire area so it's one area and done. Instead of piecemealing them, and having difficulty finishing inventory beforehand. We are planning for a couple years out so we can do the field work at the same time as inventory.

Rich DeLong: If there was additional staff could we do this?

Rob Ghiglieri: Yes.

Dave Parker: What does our future budgeting issue have to do with any of this? You never know from one year to another whether we are going to see a decrease or increase in number of claims fees?

Rob Ghiglieri: The beauty of a lot of these projects is there is a long grace period of 5 years from when I receive that document to when I can complete the closure work. Even though we have these 5 projects for 2018, if one pops up that needs to be addressed, I may push one back so we can complete this one. It is easier for me to manage the amount of spending this year by what is the highest priority.

Dave Parker: I was just wondering about the issues we always seem to have on whether we are going to increase or decrease the claim fee. If the fee decreases, what kind of planning do you have for that?

Rich Perry: One of the reasons we came up with a general number here is when we do a spreadsheet on revenues and expenditures, we put variable numbers in there to tweak it as to what the claim fee numbers do. They can change significantly, that way we are modeling it and looking at it from a sensitivity stand point. The Commission had this discussion about two meetings ago about if we should reduce the claim fee. It was decided

to run this out for a year and see where we are at. We can look at this in the next biennium. The hard closure work is the way to reduce the reserve if it gets too high.

Rich DeLong: Wanted to make a point on adjusting the claim fee. On purely a logistical perspective, this would be a regulation change. We can't do a permanent regulation change starting from July this year to July next year. We are looking at July 2019 which wouldn't take effect until August 2020. There would potentially be 2 years before we see a change in the fee. Rob Ghiglieri: One other aspect of the hard closure budget is the funding sources that come from outside the claim fee. Such as, we were able to get funding from Clark County for the Arden Project, but outside sources are not guaranteed.

Dennis Bryan: For clarification, we continued \$85,000 for deliverable per year to the Bureau. Is the \$35,000 for the exploration survey every other year?

Rich Perry: Yes, it is \$85,000 total and the \$35,000 is part of the \$85,000. This fee includes deliverables of the Exploration Survey, MI Report, archiving of OGG cuttings, scanning well logs, mineral industry study or other study per the Commission request.

Rich DeLong: Under the Fleet Service, starting next fiscal year this will be an operating cost with Fleet Services? We aren't buying any trucks; we are going to pay a fee on a monthly basis?

Rich Perry: For the next replacement truck only moving forward, we will be paying a fee to Fleet Services.

Rich DeLong: Have we looked at 519A the Bond Pool regulation for any changes?

Mike Visher: In NAC 519A the last change was building in the cap for the amount to be transferred for the administrative fee. For the bond pool's account there is a separate budget account which is not subject to the budget building process. It is a non-executive budget, We built into it the admin fee transfer cap of up to 3% of the bond amount but, limited to what the actual costs are. The cap is approximately \$80-90ka year. Then it is rolled over to our general account. There is potential for some tweaking to be done in the regulations. We talked about reducing the 3% fee to something more appropriate. In regards to how the bond pool works, I haven't heard any complaints or wanting it any different.

Rich DeLong: When you talk about reducing the 3%, do you mean reducing the amount transferred or the 3% charged to the participants?

Mike Visher: Charged to the participant.

Mike Visher: If you look under Staff Reports, there is a graph that will help explain. This is the standard bond pool status report I present at each meeting. One of the key points is on the table at the top, is the total bond amount, cash in the account and the unfunded amount which is our surplus. Right now we have \$925,000 in excess of our obligations. That amount allows us to take on liability without bringing the reserve below zero. For any one operator they are limited to 3 million total bond amounts for all operations. The cost to come into the bond pool is determined by a formula. The higher amount you need obligated, the more you will have to put down as a deposit. The remainder will be paid through premium payments, so the bond is whole within 5 years. The statute says that money is only to be used for the administration of the bond pool. The Legislature swept all the interest ever earned in that account as well as the oil, gas and geothermal bond pool account. That was 20 years of accumulated interest that was taken to help balance the State's general fund budget. We need money in that account so we have the ability to write a plan-level bond. Plan-level bonds do not have to put 100% down like the notice-level bonds do. If they leave the bond pool, then they are only refunded their deposit. In this case, the excess of obligations would go over \$1 million. Maybe we should have a task force take a look at the fee?

Dennis Bryan: Clarified what Mike said with a scenario.

Mike Visher: There is a cost to administer the bond pool. When I run the scenario and consider the time it takes to administer the bond pool, I take into consideration all the staff that takes care of the bond pool and 3% is about what it costs. The amount we are asking is in line with what we are expending to do these services.

Rich Perry: Add to regulation update. Update language for plan level bonding works. Start reducing the reserve by reducing the fee to participants or attracting more notice-level bonds.

Dennis Bryan: Should we address this at the next meeting?

Rich Perry: I think we should form a team and look at options and present at the final meeting of the year.

Dennis Bryan: I'd like to participate.

Rich DeLong: I'd like to be involved.

\*Task force- Dennis Bryan, Rich DeLong, Rich Perry and Mike Visher.

Art Henderson: We discussed the possibilities of having public service announcements regarding hydraulic fracking. Do we have anything in the budget for this in the Las Vegas area?

Rich Perry: No we don't, but we did make some swag stickers and pins to start using in the classrooms.

Art Henderson: We previously discussed doing television announcements or billboards? Last legislative session we were without defense.

Rich Perry: There is something that we have been doing and if you recall after that bill left the Assembly where it passed to Senate Natural Resources, by that time there was a much more cohesive discussion of some of the realities for the state, what would happen if the state instituted a ban on hydraulic fracturing. One of the most salient one of those was an informal opinion by BLM solicitor in Washington D.C. that a state ban on hydraulic fracturing would not be enforceable on Federal leases. Nevada is mostly Federal land. By MOU and Interior agreement with State, if the State's regulations are more stringent than the Federal then the Federal permit has to adhere to the State regulations. We can certainly go through and make sure we have some money put aside for educating the public.

Dave Parker: I agree on promoting education on fracking.

Rich DeLong: It would be good idea to have something more formal in preparation for the next session.

Dennis Bryan: We assumed declining claims in the last budget, and then claims went up. What do you think claims are going to do this next year?

Rich Perry: Lithium brine claims have gone down but hard rock claims have gone up. There are lode claims being staked somewhere. Price of gold drives the claims, so I don't see that claims will see a huge decrease.

### III. OLD BUSINESS

- A. Report on Arden Mine Closure, work of portals and hazards at the Arden Mine done by NDOM contractor Environmental Protection Services between April 2nd and April 27<sup>th</sup>. The work is now completed. Rob Ghiglieri and Garrett Wake will do a presentation on the work performed.

Garrett Wake: Gave a PowerPoint presentation with Rob Ghiglieri. A lot of public interaction went on during this project. The PowerPoint was presented in the Commissioner's binders and was also available to the public.

Dennis Bryan: When you send the scouts out to secure them, how long does the securing's last?

Garrett Wake: It depends, but at this Arden project they would be compromised after a couple of months.

Rich DeLong: This is amazing work.

Nigel Bain: You'll have to monitor the portals; people can be ingenious on re-opening them.

Rob Ghiglieri: When the BLM found their bat gates were compromised they more than happy to help with closure.

Rich Perry: We are going to be putting this closure project in for a couple of awards.

- B. Report on the Prospector's and Developers Association of Canada (PDAC) meeting, March 4-7 in Toronto. Nevada was represented by Industry Trade Associations, State Agencies and the BLM in the first-ever Nevada trade booth, which was funded by NDOM. Garrett Wake will provide a report.

Garrett Wake: See PowerPoint presentation. The PowerPoint presentation was provided to Commission and to the public.

Garrett Wake: Went over the impact of the PDAC on Nevada. We saw some increased activity on our website.

Rich DeLong: This has been a long time coming. When I first joined the Commission I brought it up to the Administrator, I think it is very important for Nevada to have a presence at PDAC and to compete with the other states and provinces for business.

Garrett Wake: We did have a lot of people come to our booth and asked why we haven't been at PDAC before. If we don't see numbers in the website hits, we can say we had a lot of visitors at the booth giving us praise for being there.

Dave Parker: Great professional job, next year you should see some better numbers.

Garrett Wake: We don't have any statistics from previous years to compare it to. So hopefully we will see some increase in website activity next year. Maybe we can get a booth in the South Hall next time and will see an increase in traffic.

Rich Perry: It was Garrett and I who went this year. Getting a booth location is a seniority issue, so with time we can get a better spot. We suggested the other agencies do some nighttime events to bring people in.

Nigel Bain: I would encourage Sheldon Mudd to continue to be involved.

Rich Perry: They are actually interviewing for his replacement.

- C. NDOM Administrator evaluation by Commission.

Rich DeLong: This is our first formal evaluation of the Administrator. Rich has brought this up on many occasions over the past couple of years as something he wanted to see implemented. The Commission also thought it was a good idea. Asked Mary to go through the process that her and Art went through in compiling the information in regards to the evaluations from each Commissioner. That compilation has been delivered to Rich. We are not going over it specifically but would invite each Commissioner to give their opinion on Rich's performance.



Mary Korpi: Went through a proposed format to make sure there was consistency on seven key areas and receive feedback. We will individually talk about strengths and if there are any recommendations. The one area that has struck me, the communication with Rich and at NDOM is great. The outreach to make sure questions were answered I appreciate. In public presentations, he does a great job on his public presentations. The inclusion in staff in reporting and involvement, and it could easily be all about Rich but he includes the staff and makes it a cohesive effort. The relationship side working with the other agencies and partners in the industry is a driving force for Rich. Nothing ever seems to be up against a deadline. The planning effort is great.

Dennis Bryan: I agree with what Mary has said. He is very knowledgeable about the industry. He has great communication and is respected by the industry. His demeanor with the general public is very professional. People respect what you have to say. I think you're doing a great job.

Nigel Bain: The ability to communicate with the different stakeholders is being done very well. On strategic planning, has a good understanding and supports the Commission and makes sure we don't get into trouble. He does a great job.

David Parker: I agree with everything that is said. I give him kudos for having such a great staff.

Rich DeLong: I'll try and add to what has already been said, there have been spot on comments with regards to Rich's performance. His presentation capabilities and how he interacts with his staff and the Commission the public is commendable. We are highly fortunate to have Rich as an administrator. I can't think of anyone better at this time to have at the Division.

#### **IV. STAFF REPORTS**

1) Mining and Reclamation Bond Pool – Mike Visher

Mike Visher: Bond pool is in good health. I've already partially gone over this before. Activity has dropped off a bit since last quarter. The activity is in line with the claims.

2) Administrator Report and correspondence

Rich Perry: NvMA letter from Dana Bennett mentioned in last meeting that she sent over to us on the discussion of Washoe county lands bill. NvMA has formed a Public Lands Committee. The next page is from GBSSRL report for our funding of the cuttings, scanning, etc.... Final page is Lowell's report on Oil, Gas and Geothermal Activity.

#### **COMMISSION BUSINESS**

A. Resolution honoring former Commissioners John Mudge and Fred Gibson for their many years of service on the Commission.

Rich DeLong: John started on the Commission maybe 6 months after I did. It was a pleasure serving with John, on many levels he was a mentor and I really appreciate working with him. I was sorry to see you had to leave the Commission. He asked John Mudge to come forward to the dais to present him with a certificate of acknowledgment from the Governor as well as a medallion.

Rich DeLong: The recognition of Fred is bittersweet since he recently passed. It would have been wonderful to present this to him personally. Fred had a unique position with the Commission in serving for so many years and so involved. Governor Richard Bryan appointed Fred in July 1983. Fred served faithfully and continuously for 34 years. And he served as Chairman for over 30 of those years. Fred guided the Commission and the Division of Minerals through a number of organizational changes into the current structure as a state agency. He oversaw the development of the geothermal regulations, the Abandoned Mine Lands program, as well as the fracking regulations. The Commission and the Division are deeply indebted to Fred for his dedication to the mining industry and his service to the Commission. Maureen, his granddaughter, is here to accept his award. He invited Maureen to the dais to accept Fred's award.

#### **COMMENTS BY THE GENERAL PUBLIC**

Garrett Wake: McCaw School of Mines is having their annual golf tournament June 9, 2018. It's a big event in which they raise money to help provide buses for kids to come visit the school of mines.

John Mudge: Thank you for that nice recognition and more especially working together and all the great things we were collectively able to accomplish. Three things come to mind that I'd like to name. Emphasis on the AML closures and great work from staff, that program is really remarkable. I'm obviously proud of the support that we

could give Mackay for 10 years that is pretty special. Lastly, one of the huge things we did is finding and hiring of Rich was a great accomplishment. Thank you for letting this public person speak.

Determination of time and place of next CMR meeting  
Eureka- August 23<sup>rd</sup> and 24<sup>th</sup> 2018. At the Eureka County Courthouse.

**ADJOURNMENT 4:21 PM**