



# The National Quarterly

**WOMEN  
IN  
MINING**

**Volume 28, Issue 4**

**Summer 2007**

## **PRESIDENT'S LETTER**

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Greetings from Nevada! I would like to take this opportunity as the incoming National President to thank the Winnemucca Chapter for the nomination and the National Executive Board members for their favorable vote at the WIM National business meetings held in Washington DC this past May. For those of you I have yet to meet, I have been a member of the Battle Mountain, Nevada Chapter since 1990 and have served continually on the National Executive Board and the Education Foundation since 1994, both experiences which should greatly assist me in serving our membership in a thorough, professional manner.

Those of you who have become well acquainted with me know that I have strong legislative interests where mining and land-use rights are involved. Since early May, I have been researching and tracking progress on House Resolution (H.R.) 2262, better known as the Hardrock Mining and Reclamation Act of 2007, introduced on May 10 by sponsor Rep. Nick J. Rahall II, D-West Virginia and co-sponsored by fifteen other House Representative Democrats. If passed, this bill poses some major physical and financial changes in the way the mining industry does business, effectively pushing the current Mining Law of 1872 into relative obscurity. It was referred to the House Committee on natural Resources on May 10<sup>th</sup>, and again referred to the Subcommittee on Energy & Mineral Resources on May 18<sup>th</sup>, where it currently remains.

The major components of change included in H.R. 2262 are:

Poses strict conditions on Federal issuance of patents for any mining claim (the verbage effectively does away with patenting altogether).

Subjects production of locatable minerals from a mining claim to a Federal royalty of 8% of net smelter run.

Establishes the Abandoned Locatable Minerals Mine Reclamation Fund and the Locatable Minerals Community Impact Assistance Fund (through collection of the aforementioned royalty, 2/3 to the Reclamation fund and 1/3 to the Impact Assistance Fund).

Further defines lands open to location of claims (effectively shuts the door permanently on any location activities in lands recommended for wilderness designation, or areas otherwise being managed as "roadless" areas). There is also an interesting list of land type definitions in the text, one of which is referred to as "Lands designated as Areas of Critical Environmental Concern".

Reiterates permitting requirements and environmental protection standards as already set forth in the Federal Land Policy and Management Act of 1976, the Act of June 4, 1897, and the National Forest Management Act of 1976.

That's just in the first 7 pages of the bill, folks. Read on:

The next 18 pages of the bill (as printed from [Thomas.loc.gov](http://Thomas.loc.gov)) deals with the *operations* permit terms and limits, financial assurance (financial bonding) and the actual operation and reclamation of the located claims, with several paragraphs concerning interpretation of existing state laws and regulations (those laws and regulations will be recognized if they at least meet the standard of H.R.2262; if they do not, then the respective States will be scrambling to rewrite/revise them). Then we get into the next several pages dealing with the two funds established via the 8% royalty outlining uses, objectives of the funds, eligibility, and fund expenditures which, the latter interestingly enough, is at the sole discretion of the Director of

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## Education Foundation

1<sup>st</sup> Quarter Report 2007-2008

By Arloa Woolford, President

Our first quarter included the Annual Meeting hosted by the Washington DC Chapter in Silver Spring, MD and while small in number, was very productive and interesting.

The new concept for the website, done by Steve Skinner of Designer by Choice, was greeted with enthusiasm and everyone was eager to see the finished project. It will be user friendly, have all the activities in PDF with the National Standards and many other great features. This has been a long-time coming but will be well worth it.

New Directors were elected, including Carol Berry and Denise Talvitie, continuing for another 3-year term, with Carol Woodward and Georgene Robertson taking over for two Directors who decided to retire. They are both At-large members, Carol Woodward is from California and is familiar with our organization, Georgene Robertson, is from West Virginia, works for Arch Coal in Human Resources and has been an active part of the CEDAR program in that area. This is a coal education program and through Georgene we hope to be able to add many more coal and energy activities to our program.

Our officers will remain the same except for one of our National Representatives to the Women In National Executive Board. Scotty Norman replaced Denise Talvitie so she could accept the position of President of WIM National. This makes her the third National President from the Education Foundation Board of Directors.

Our field trip was to the Smithsonian to view the Annenberg Hooker Hall of Geology, Gems and Minerals where the Tiffany Diamond is now on display along with the Hope Diamond and many other beautiful gems. The Geology part of the Hall is an awesome display with some changes made since it first opened its doors in September 1997. This part of the Hall is intended to recruit young people to science and walking through it listening to the young people's comments it just might be working.

After this visit, many walked to the memorials, some on their first visit and others to see the new ones since their last visit. The World War II Memorial was especially moving to those of us who had relatives in that conflict.

Sunday night dinner was at Mrs. K's Toll House Restaurant in Silver Spring, MD with guest speaker Mr. Mark Ellis, President, Industrial Minerals Association – North America. A wonderful time was had by all, good food, good wine and good conversations with old friends.

The next morning, we were privileged to hear Pat Silvey, Director of the Office of Standards and Regulations for MSHA. Pat informed us of the many changes instituted with the New Miner Law as well as some of the on-going issues they are addressing. These include diesel particulate matter, conveyor air flammability, asbestos and updating their training material. While most of



the New Miner Law deals only with coal, she expects some of these to filter over to both metal and non-metal operations.

The next speaker was Adele Abrams, our immediate Past National President and a well-known safety attorney. She went over some of the new safety regulations and increased fines and what the industry can look for in the future.

Tuesday morning, 5 WIM members: Gena Oliver, CA, Nikky LaBranche, At-Large, Sally McLeod, Jackie Dorr and Arloa Woolford of the Foundation boarded the Metro for downtown DC for a visit with National Mining Association President Kraig Naasz. We were joined by Annie Jacobs, Government Relations for NMA and Alma Paty, of the American Coal Foundation for an in-depth talk to let him know of our concerns on science education in the country, especially minerals education and that we hoped he could talk to the member companies on the critical need to help fund these efforts. He brought up some issues he saw within the various mineral education groups and also told us that with the changes in Congress their efforts would naturally be focused on those. We all left with better understanding of his position and felt that he was more aware of Women In Mining. We left them with a new calendar and a Foundation brochure and we were given the new Facts About Coal and Minerals Book, just released and the 110<sup>th</sup> Congress Directory.

Our next stop was a meeting with Senior Staff of Senate Majority Leader, Harry Reid of Nevada. Our meeting took place with Jenna Whitlock, one of his Legislative Fellows who was on loan from the BLM. She had spent several years at the Elko, NV BLM office so was very familiar with mining in the West. Again, we were pleased with the inter-action of the meeting and left both a calendar and brochure with her.

The final stop of the day was a scheduled meeting with Congressman Heller of Nevada. Unfortunately, just before our arrival a quorum call was announced and he was unable to meet with us. We had a brief meeting with his Press Secretary, Stewart Bybee but were not able to talk to any of his legislative staff.

I had forgotten just how long the blocks are in DC and was very ready to get back on the Metro to head back to the hotel to rest before packing for my departure the next morning.

June 24<sup>th</sup> through 27<sup>th</sup>, several members will be in Bloomington, IN for the National Minerals Education Conference hosted by Indiana Mineral Aggregates Association. Jackie Dorr and I will give a brief preview of our new website at this meeting. More details on this conference will be in the next issue of the Quarterly. One great note was that on Tuesday, June 26<sup>th</sup>, Jackie and I were able to meet and spend some time with Debbie Schumacher.

## Nevada Women's Fund Recognition

On June 7, ninety-five women from all walks of life came together at Reno's Grand Sierra Resort to be honored by the Nevada Women's Fund for their individual achievements. The Nevada Women's Fund has established a number of awards to recognize the achievements and efforts of various individuals and organizations who are working to improve the lives of Nevada families. There were women with careers in health care, banking, realty, and many other fields. There were CEOs, clerks, Drs., and janitors. This made for a very interesting mix and showed that everyone has something to contribute no matter what they do.

Tinker Evans, Round Mountain Gold Corporation, and Mary Korpi, Newmont Mining Corporation, were among those women honored. They not only represented their respective employers, but the Nevada Mining Association as well. They were recognized for their dedication to their jobs and communities.

Tinker is a native, as in, she's lived in Smoky Valley all of her life and makes time to pursue her passion in preservation of the history here as a member of the Sunnyside Historical Society. She is on the board of the Economic Development of Nye County and is a past president of the Chamber of Commerce. Tinker began her career at the mine in 1987 and has held a myriad of jobs from running equipment to blowing things up on the blasting crew and, for the last eight years, has been the Executive Secretary to the General Manager.

A big part of Tinker's life is her family. She has two sons, one here at RMGC, and one in Reno who works for Cashman Equipment. Three grandchildren keep her busy and her mother, two of her four sisters and many cousins make it a point to get together at least once a year.

Mary Korpi graduated from Michigan Tech in 1976 with a bachelor's degree in chemical engineering. She accepted a position as engineer with Magma Copper Company in Arizona and she was soon promoted to Senior Metallurgist.

In 1987 she took the position of Senior Metallurgist with Newmont Gold Company in Nevada, being promoted to Director of Metallurgical Services and again to Director Loss Control in 1990. From 1992-1996 she was Process Leach and Mill Superintendent. She currently is Director of External Affairs for Newmont Mining, the world's largest gold producer.

Mary Korpi belongs to the AIChE, AIMMPE, Tau Beta Pi, the American Association of University Women, and Beta Sigma Phi. She is past president of the Northeastern Nevada section of the Society of Mining Engineers and serves on the Women's Mining Coalition Advisory Board.

A current resident of Elko, Nevada, Mary Korpi has been active in her community, serving on the Elko Chamber of Commerce Board of Directors and on the board of the Elko County Economic Diversification Authority.

The ninety-five honorees attended a breakfast with motivational speakers and activities that encouraged participation. Each honoree then met up with their boss for pictures and a stroll through the waiting audience that ended on a platform where they were introduced. They were seated for lunch while the guest speaker, Mavis Nicholson Leno, spoke about the mistreatment of women in Afghanistan.

## WINNEMUCCA CHAPTER

### I<sup>st</sup> Quarter Report 2007

Winnemucca Chapter continues with their fund-raising efforts, doing bars for the Humboldt County School Teachers Association and a wedding reception during this quarter.

Arloa Woolford represented the Chapter at the Annual Meeting held in DC in May and announced that the paper work from the State of Nevada had been received, approving the merger of Battle Mountain Chapter and Winnemucca Chapter into the Nevada Chapter.

The new proposals for the National By-laws and Policy and Procedures were presented during the Annual Meeting and were approved. They will be sent out to all the Chapters for final approval soon. Chapter By-laws that were reviewed over the past year have been sent the recommendations from the By-law committee.

Once we receive final acceptance from the IRS, we will be able to complete the remaining items necessary to be up and running. We have elected new officers for the Nevada Chapter as follows: Stephen Tibbals, President; Scotty Norman, Vice-President; Susan Yadon, Secretary; Arloa Woolford, Treasurer; Susan Yadon as 3-year Representative and Sally McLeod as the 2-year Representative.

Several new members have been added to our roles and we look forward to even more as the new Chapter spreads the word around the state.

This will be the final report from Winnemucca Chapter, watch for the next issue to read what the Nevada Chapter is up to.

## Want to find out more about WIM? Join us? Start a New Chapter?

For membership and new chapter information, contact Sharon Kirts, Chair, National Membership Chair.  
[skirts@comcast.net](mailto:skirts@comcast.net) or 303-279-1063.

Applications for National's at-large membership or for each Chapter can be found on the WIM website—<http://www.womeninmining.org>.

## Mineral Activities? Classroom Exercises?

For education resources information contact Arloa Woodford, President Education Foundation, at  
[wimef@womeninmining.org](mailto:wimef@womeninmining.org).

To download mineral activities and classroom exercises, visit our website at <http://www.womeninmining.org>.

## CALIFORNIA CHAPTER

### Suzi Smith's 3<sup>rd</sup> Graders "Concrete" lessons!

WIM California Chapter members established a wonderful relationship with Suzi Smith's 3rd graders at Marianna School in Apple Valley California.

Millie Rader and Dinah Shumway trained Suzi in the screening workshop for the "Cement is not Concrete Workshop" (a UC accredited workshop developed by the WIM CA Chapter) and Suzi then directed the activity in the rest of the 5 third grade classes at Mariana School. WIM provided the entire kit: electronic balances, screen sets, raw pit run material (provided by Service Rock Products, Inc) and all the other materials need for the workshop. The students were given a container to collect the raw material. they then weighed the entire sample and recorded the weight on the worksheets provided. Then they proceeded to screen the materials in to 5 products: +2", 1", 1/2", 1/4", sand (1/8") and fines (-1/8"). Each product was weighed. The sums were calculated and the students proposed reasons that the final talleys did not match the original sample.

After discussion, the students used their products to make concrete using the recipe in the workshop materials.

The classroom activity was supplemented by a field trip for the classes to an aggregate plant and the Mitsubishi Cement Plant.

These 3rd graders has a fun time learning about what concrete is and what materials actually go into making cement and mining aggregate to produce concrete... and they all know that cement is not concrete!!

The "cement is not Concrete Workshop" is only one of the kits that the California Chapter has developed to be used by our members and by trained teachers. The kits range from properties of minerals, toothpaste and silly putty. The screening exercise hosted by the Chapter is a regular feature of the annual "Think River" project that is held every year. The Think River project is co sponsored by the San Bernardino Department of Education.

Suzi Smith hopes to conduct this workshop annually for all the third grade students at the Marianna School.



## Wear Silver ??

Women in Mining recently accepted Jann Higdem, from North Idaho's Silver Valley, as a new Individual Member. She has been involved in mining personally, for over 10 years as a nipper and camp cook for Kimberly Gold Mines, Inc.. With her husband working at the legendary Sunshine Mine and her children all out on their own, she then had time to get involved with several mining organizations devoted to educating the public, teachers and our future miners about the joys and necessities of mining. But this article is not about Jann. It is about a truly unique business she owns. Jann's retail business is called Eclectic Silver. It's the world's only *silver clothier*; clothing made with .999 fine silver!

At the Silver Summit 2003, the world's only silver investment conference, she heard silver strategist David Morgan, mention some uncommon uses of silver, including that Lance Armstrong's bicycling attire contained it. She finally got a computer, researched it and found an article that mentioned his clothing contained X-Static®, created by a company called Noble Fiber Technologies. It is a silver-coated textile fiber technology. Two other silver technologies exist that are used by other companies: silver ion (synthetic fabric surrounding silver ions) and nano-silver (a high ppm distribution of silver throughout the fabric). All three technologies enhance clothing with permanent and natural anti-microbial, anti-odor, anti-static and thermodynamic properties.

Silver is nature's strongest anti-microbial and will severely inhibit the growth of over 250 kinds of bacteria and fungi. Silver wipes out the bacteria and then wipes out the body odor caused from deceased bacteria contacting the body's ammonia. No bacteria, no fungi, no smell. Silver magically knows at 52° F and above, to allow body moisture & heat to escape through the fabric and dry quicker, being on metal. It knows at 51°F and below, to trap and redistribute body heat throughout the garment. Stay warm when it's cool, and cool when it's warm. Silver's anti-static qualities instantly dissipate electrical charges created when 2 non-conductive materials rub together. It will also pull away the electrical charges on the surface of your skin, reducing muscle fatigue & quickening muscle recovery. No static, no noise. Silver is hypoallergenic. Being 99.9% pure, you will not get a rash, unlike sterling silver (which contains other materials like tin and copper). Imagine hunting with no human scent & fewer skeets; imagine working out all week with no body odor; imagine better circulation for diabetic feet! All made possible by silver, a truly precious metal!



Many companies manufacture and distribute silver clothing. Those represented at Eclectic Silver include: Acor, Arctic Shield, Discovery Trekking Outfitters, Duluth Trading Co., Foot Defense, Fox River, Goddess, InSport, Marmot, Medalist, Pearl Izumi, SmartKnit, Tommy Knocker Wear, and Zensah. Eclectic Silver sells underwear, bras, socks, shorts, short and long sleeved t-shirts, running shirts, longjohns, a full line of camo gear, hats, coats, gloves, headbands, diabetic shoes, inserts, orthotics, towels, bed sheet covers, and heel and elbow gel pads! The U.S. & British Military, N.A.S.A. and 60 teams in the 2004 Olympics, to name a few, have discovered the miracles of silver apparel.

Eclectic Silver has a small store in Kellogg, ID (near Spokane, WA), where a local physician is referring some patients to go for silver apparel that is felt

will help their condition, and a webstore, to help make shopping more convenient for everyone. The physical store has an area where WIM, MII, and other mining educational literature and hand outs are dispersed. A 15% discount is given to any miner presenting their form 5000-23. The webstore has everything that the physical store has, plus a "Silver Valley" section which divulges in local mining and community news to the world, and opens up areas for comments and blogs.

Silver is also being used in air & water purifiers, air conditioners, humidifiers, pools/hot tubs (replacing chlorine), dishwashers, refrigerators, & washing machines! Colloidal Silver (pure ionized silver suspended in pure water) will annihilate over 650 kinds of bacteria including staph & strep!

These incredible uses of silver will be not be available to us if we are prevented from responsibly mining. The average miner in the Silver Valley is 54. The majority of the next generation avoided mining careers. We must avidly recruit the future mining generations & educate all generations that: Without mining, we would have absolutely nothing.

Jann Higdeem, owner

[jann@eclecticsilver.net](mailto:jann@eclecticsilver.net)

<https://www.eclecticsilver.net>

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**NEWSFLASH:** Dennis Sullens, President of the Student Chapter for WIM at the University of Missouri-Rolla, has been awarded one of the two St. Louis Section of SME Scholarships for the current academic year. The other recipient is from the University of Southern Illinois. Dennis was chosen from a group of nominees provided by the Department of Mining and Nuclear Engineering at UMR. Congratulations to Dennis.

**FYI:** Effective January 1, 2008, the University of Missouri-Rolla (UMR) will become the Missouri University for Science & Technology (MS&T)

*(continued from page 1)*

the Office of Surface Mining Reclamation and Enforcement...and the funds are authorized to be appropriated without fiscal year limitation – in other words, it can continue growing into oblivion without setting any restriction on the maximum amount of the fund balance. The Secretary of the Treasury is authorized to invest portions of said monies, (as identified by the OSM Director) in public debt securities (those monies he/she doesn't plan to allocate/spend in a given period).

There is an entire section on inspections and monitoring of activities permitted under Title III environmental protection requirements, calling for frequencies of no less than one complete inspection per calendar quarter. There are also four pages outlining enforcement in regard to Title III violations.

I am left with the thought that crosses many minds, in that there are a substantial amount of laws and regulations already on the books pertaining to these sections, and currently the mining industry is seriously bogged down in all the overlap between the government environmental and public lands agencies. A House of Representatives task force ensued several years ago to review and make recommendations to improve and update the current National Environmental Policy Act (NEPA); although they performed a tremendous amount of research and solicited comments and suggestions from many public and private natural resource associations and mining corporations, the final executive summary, published July 31, 2006, has yet at the time of this writing to be officially adopted by Congress. The main thrust of this exercise was to address delays in the permitting process, litigation issues, enhance public participation, and improve coordination between Federal, State and local agencies – and they made some wonderful recommendations in order to simplify and streamline the process. Why Congress has failed to act upon these recommendations and instead is attempting to heap more law and regulation onto our industry through introduction of yet another mining bill is difficult to understand. This is a two-edged sword – not only do these issues severely affect our industry, it causes a huge drain on Federal and State agency resources in both work-hours and budgets as well. Streamlining the NEPA process would inevitably reduce Federal spending in doing away with duplicative environmental analyses of projects by multiple agencies, and refocus the Fed's implementation of NEPA toward more effective and meaningful environmental outcomes. It isn't difficult to see that they're putting the cart ahead of the horse and we will be subjected to yet more bureaucratic red tape if they fail to officially act upon the NEPA issues before they attempt any further mining bill enactments.

I strongly urge you to contact your respective states' Mining Associations (as well as your U.S. Senators and U.S. Representatives) to let your opinions and comments be logged. You may also contact the National Mining Association ([www.nma.org](http://www.nma.org)) for additional information, and access [www.thomas.loc.gov](http://www.thomas.loc.gov) for the full text and specific updates on H.R. 2262.

Thanks! See you next Quarterly...

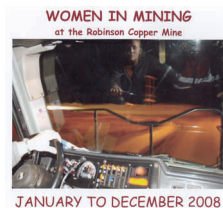
Ms. Scott "Scotty" L. Swanson-Norman, President – WIM National  
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L to R:  
 Bill Goodhard, VP, General Manager Round Mountain Gold Corporation,  
 Tinker Evans, Executive Secretary, Round Mountain Gold Corporation,  
 Russ Fields, President Nevada Mining Association, Mary Corpi, Director of External Affairs for Newmont Mining, and John Mudge, Newmont Mining. (Tinker is a member of the WIM Nevada Chapter.)

2007-2008 WIM National Officers are,  
 L to R:  
 Carol Berry, WIM-CA (Treasurer);  
 Scotty Norman, WIM-NV (President);  
 Sharon Kirts, WIM-Denver (Vice-President);  
 Adele Abrams, WIM-DC (Secretary).





## Order your WIM calendar today!

### What is Women in Mining?

WOMEN IN MINING (WIM) is a nationwide organization composed of individuals employed in, associated with, or interested in the mining industry. Members include engineers, geologists, land men, secretaries, lobbyists, mine workers, educators and concerned citizens. Many WIM members are business and civic leaders extending their influence and expertise into their local communities. Such varied backgrounds are extremely beneficial to the organization and members are encouraged to share this expertise and experience both formally and informally. The overriding goal of WIM is to educate both the members and the public about the mining industry. WIM's stated objectives are:

- to educate members of the technical and other aspects of the mineral resource and related industries through informative and educational programs.
- to institute and promote such educational, scientific, legislative and other programs as will foster public awareness of the economic and technical interrelationship of mineral production with the national economy and the public good.
- to preserve the heritage, and maintain the history of mining and mining people.

The Battle Mountain Chapter of WIM put together a second edition of their calendar of women working in the modern mining industry. The photos used in this calendar were taken at the Robinson Copper Mine in Eastern Nevada by freelance photographer Lucy Raven. All the individuals pictured in the calendar work at Robinson Nevada Mining Company near Ruth, Nevada.

The cost of each calendar is \$10.00 + \$2.50 shipping & handling. Proceeds from the sale of this calendar will be used to promote mining education and public awareness of modern mining. They make great gifts for family & friends. To place an order, call Scotty Norman (775-635-5135 ext 102), Arloa Woolford (775-623-2428), Sally McLeod (775-289-7026), or Sherry Huelsen (775-289-7026). You can also mail the order form below, with payment made out to Women in Mining:

c/o Robinson Nevada Mining Company, PO Box 382, Ruth, NV 89319 Attn: Sally McLeod

Name: \_\_\_\_\_

Mailing Address: \_\_\_\_\_ City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Telephone: \_\_\_\_\_

Number of Calendars: \_\_\_\_\_

Payment: Cash Check Money Order

All Checks & Money Orders are to be made out to Women In Mining

Amount: \_\_\_\_\_

Mail this order form to: c/o Robinson Nevada Mining Company, P.O. Box 382, Ruth, NV 89319 Attn: Sally McLeod

**WOMEN IN MINING**

**WOMEN IN MINING**  
P.O. BOX 260246  
Lakewood, CO 80226-0246

Phone: 303-298-1535  
Email: [wim@womeninmining.org](mailto:wim@womeninmining.org)

For more information, visit:  
**WWW.WOMENINMINING.ORG**

**WOMEN IN MINING** is a non-profit 501 [c][6] organization.

**WIM** is an educational organization for persons interested in or associated with the mineral resources and mining industry. **WIM's** purpose is to educate members concerning all aspects of the industry and to promote public awareness of the importance of minerals in our everyday lives.

**WOMEN IN MINING**  
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