

ATTACHMENT 20

John Muir is mentioned (below) as a beacon of light for George Miller and other like-minded Americans and members of Congress. As you read the FORUM entries below and consider whether to make a pro-active effort to squash ignorance, go back to an entry under the topic "Correspondence from the President" on Page 6, written on 06/03/2003, which contains a lengthy and poignant story written by John Muir.

It isn't too long but full of the real John Muir, a keen observer, not the altered Mr. Muir, altered to give credibility to those who make powerful attacks on the natural resource extraction industries. One sentence goes like this:

" The importance of these ancient gravels as gold fountains is well known to miners. The hills have been cut and scalped, and every gorge and gulch and valley torn to pieces and disemboweled, expressing a fierce and desperate energy hard to understand. Still, any kind of effort making is better than inaction, and there is something sublime in seeing men working in dead earnest at anything, pursuing an object with glacier-like energy and persistence. Most of the pioneer miners are sleeping now, their wild day done, while the few survivors linger languidly in the washed-out gulches or sleepy village like harried bees around the ruins of their beehive. "

Ah, John, you wrote so well, these thoughts and observations in 1894. Wish you were here today.

ATTACMHMENT 21

Assemblyman Dan Logue
Vice-Chair, Assembly Republican Committee on
Jobs and Economic Development
1550 Humboldt Road
Chico, CA 95928-9115

December 10, 2009

Dear Assemblyman Logue,

Thank you for initiating cataloguing the widely perceived overreach of State agencies (front page Mountain Messenger –November 26, 2009). Most Californian businesses would appreciate this accomplishment. I am the president of California's oldest gold mining company, which continues to work its mining claims located in the 1800's. My turn at the helm started in 1977. At one time the Company was the largest non-government employer in your district (Sierra County). Our demise is traceable to three causes: the long bear market in gold, excessive interventions by the federal Mines Safety Health Administration (MSHA) from 1996 to 2002, and illegal, abusive and excessive enforcement demands by State bureaucrats and agencies.

Some things have changed for the better recently. MSHA appears to be returning to its former approach towards safety of. "How can we help?" instead of coming to the mine looking for trouble, punishment and monetary fines. We are hopeful that the current administration in Washington continues this constructive method of keeping the American miner safe. The gold bear market has hibernated and a raging bull has its teeth in the US dollar. So revenue projections are positive. California legislatures and government employees, unfortunately, have failed to get the message of how to improve our economy and the lives of Californians. I wish you luck with your endeavor and offer my help as well.

Your district covers mineral riches and other natural resources in a wide-ranging hinterland. Political folks don't seem to understand the importance of "back country" to the urban populations. Rural residents, especially the blue-collar workers, are more endangered than most critters on the Endangered Species in California list, which has 289 threatened or endangered plants and animals. As I read the list it seems that the urban population explosion into the backcountry over the last forty years is a major cause of threat or endangerment. The public is looking in the wrong places for solutions. Gold mining in the Sierra Nevada is not a threat because the mines operate sensibly within the demands of the 21st century.

Maintaining a hostile attitude towards mining, forest production and restoration and the obnoxious fear mongering of extracting the earth's natural minerals have existed far too long. It is time for our leaders to react to the exploitation of fear to an otherwise ignorant urban population. In our business an unwarranted effort against naturally occurring minerals in the water has eliminated most mining in our rich state. Investment capital fled to other countries. Inappropriate regulations and interferences have burdened our company with useless (non beneficial) costs. It is destroying our region, our schools, our economic base and meaningful jobs for our young people. This behavior is

destroying our country. Unlike other businesses that are choosing to leave California, a gold miner in California cannot leave his gold mine or take it to another state. The gold miner, whose history has been so beneficial to our culture, societies and spirit, is now an endangered figure. We must work to change this.

An often-overlooked value from natural resource extraction businesses is the fact that our products directly add to the GDP of the United States, increasing wealth benefits to our society. To the political critics of California's producers of minerals, forest products and food: most producers are keenly aware of their sensitive environments and behave in a responsible manner. This is not the 1960's when we could not see beyond four electric poles while driving in Los Angeles. The Cayuga River in Cleveland is not burning as it was from pollutants. The waterways were not running with sediment as they did in the 1870's. Great progress has occurred. Let's embrace our successes and move on.

Why I write you may not yet be clear. You are in a position to write laws or repeal laws about real business and economic hardships that hurt Californians. I want to help. Please contact me so we can set up a time to go over specific areas that concern rural Californians in your district. Fortunately, the improvement we can make will not harm others. Ignorance is the enemy and always has been.

Sincerely,
Michael M. Miller

ATTACHMENT 22

Toxicologist Edward Calabrese finds that what does not kill you can make you stronger.

All things are poison and nothing is without poison. It is the dose that makes a thing a poison," declared the wandering Renaissance physician-surgeon Paracelsus. University of Massachusetts toxicologist Edward Calabrese has a possible amendment to Paracelsus' dictum: Low doses of poisons may be good for you.

Calabrese speculates that evolution has given our bodies and cells the ability to repair them. Low exposures to toxins stimulate these biological repair mechanisms and lead them to fix the damage caused by the toxin—and even to repair some of the normal background damage as well. In other words, exposure to low levels of toxins provides "a very modest overcompensation to a little damage." Hormesis is an effect where a toxic substance acts like a stimulant in small doses.

There is even a forthcoming study that shows that exposure to low levels of arsenic protects against cancer. Calabrese's arguments are more than just a scientific curiosity. They have political relevance as well. Modern toxicology has generally assumed that there is no safe dose for carcinogens. The regulations based on this belief assume a linear dose/response relationship for toxins—that is, if a lot of something is bad for you, even a little bit is bad for you.

This faith in a linear dose/response relationship has been codified in various federal regulations such as those promulgated by the EPA. The result has been a relentless and costly effort to reduce our exposure to even the smallest quantities of allegedly toxic molecules in the hopes of reducing rates of cancer and birth defects.

"The real significance of the hormetic model in the conflict over threshold versus linear response models is of course that if hormesis could be unequivocally demonstrated as universal then it would establish a bona fide threshold for carcinogenic effects," writes Calabrese in the journal *Mutation Research*. "This would immediately discredit the many uses of linearity models to estimate cancer risk." In other words, it would mean that federal regulations are wasting lots of money trying to solve a non-existent problem—and even stifling possible positive effects.

Calabrese believes that is time for the EPA and Food and Drug Administration (FDA) to commission the National Academy of Sciences (NAS) and/or the Institute of Medicine to evaluate hormesis and its application to regulatory science. If the NAS agrees that hormesis is a universal effect, incorporating it into EPA and FDA standards would improve how cancer risk assessment is done and reduce the costs of regulation.

Who knows? Perhaps one day you'll be popping an arsenic pill to ward off skin cancer.

“The entire ocean life is just loaded with a series of contaminants, most of which have been released by human beings” says Roger Payne, biologist with Ocean Alliance and reported by Arthur Max, Associated Press writer. The study analyzed cells from sperm whales. The report noted high levels of cadmium, aluminum, chromium, lead, silver, mercury and titanium. Payne makes a fairly tight argument that these contaminants are “the single greatest health threat that has ever faced the human species.”

Further research was urged to the whaling commission. If Mr. Payne’s recommendation is to locate and mitigate the introduction of the mineral pollutants, hooray. If all that is wanted is more research of the sea life, boo. Anyone claiming that these mineral elements or chemicals could be “horrific for both whales and man” must place his energy directly to containment of the pollutant and not more research.

I’m not critical of the report or its important discoveries, yet it brings to mind some current misguided demands of people regarding arsenic in the Sierra Nevada Mountains. Of note in the newspaper article is the absence of finding arsenic as a serious contaminate. Normal levels of arsenic have beneficial effects of life. To all interested in the environment: please embrace **HORMESIS** as an important part of scientific research. Dosage and duration belong in all serious discussions. Grow up and embrace the true scientific approach to complex environmental issues. Precious money continues to be wasted on ideas with little or no benefits. Our venerable company is under attack.

The water permitting blunders committed by carelessness, ignorance or on purpose, (however great the mistakes made), cannot be so great as it would be not to recognize that someone has been in error; however ugly they may be, mistakes become elements in development for future business. The lawsuit filed against Original Sixteen to One Mine for the benefit of the people of California is a mistake. Please write the water agency, your elected representatives or people that will help settle the issue. Blunders were made.

ATTACHMENT 23

I was a guest speaker at the Sierra Fund conference in Nevada City on May 3, 2012.
Below is the synopsis:

“THREE CENTURIES OF CALIFORNIA GOLD

Did you know that America’s oldest gold mining company operates the Sixteen to One mine about one hour from the Miners Foundry in Nevada City? Michael M Miller, president of Original Sixteen to One Mine speaks about the past, present and future of gold. He discusses reasons why and how the Sixteen to One survived through the tough years for gold miners, the Company’s current operation and its plans for leadership and the exciting outlook for the next decade PLUS DETAILS ABOUT THE UPCOMING MINE TOUR. A view from inside the Sierra Nevada turns feelings into facts, dreams into reality. It is safe but your feet get wet.

Sixteen to One mine is an high-grade, underground, traditional, gold deposit with one significant exception: the concentration (pockets) of gold in white quartz is so concentrated it’s measured in ounces per pound. It is one of the richest concentrated gold deposits in the world. Alleghany is recognized as the last gold mining camp in California, a place where history meets the present.

His focus:

GOLD MINING IN THE 21st CENTURY in the Sierra Nevada Mountains of Northern California! Is it beneficial to our communities? Will it bring lasting harm to our environment? Is gold mining history relevant today? Why are people upset with natural resource industries?

WHAT IS DIFFERENT ABOUT CALIFORNIA’S GOLD MINES COMPARED TO OTHERS?
COULD AN EVENT LIKE THE ONE IN CHILI HAPPEN HERE?

HOW ACTIVE IS GOLD MINING IN THE SIERRA NEVADA GOLD BELT?
IS THERE ANY GOLD LEFT FROM THE GLORY DAYS OF MINING?
WHAT IS STOPPING THE INDUSTRY IN CALIFORNIA?

Questions are encouraged on all gold and mining related topics: health concerns; government regulating too much or too little; speculation, investment or a gamble; social/economic benefits or losses.”

This nonprofit took a questionable position last year entitled “Legacy of Toxic Mining in the Sierra Nevada”. Of the sixty speakers, only three of us offered any rebuttal to the exaggerated positions. I was invited back and again too the only rebuttal to the gloom and fear of abandoned mines in the Sierra Nevada, which they now named, “Reclaiming the Sierra”. The organization is sincere and well-meaning but sorely out of touch with real fear for this mountain environment: FIRE.

My talk closed saying, "if you really want help the Sierra Nevada spend your time and money on forest restoration. The Sierra Nevada is in grave danger from fire not abandoned mines." The overzealous environmentalist has placed our forest in eminent danger. Their position has been: No cutting anything. The understory is over grown and a fire hazard. Poor trees are left to take water and space from healthy trees. The question of fire is not "if" but "when". They call themselves progressive activists. They are not thinking progressively. They may be smart enough to change. Ignorance is the enemy. Enlightenment is the solution.

PROFILE OF MICHAEL M MILLER

MICHAEL M MILLER DIRECTOR AND PRESIDENT OF ORIGINAL SIXTEEN TO ONE MINE IS RESPONSIBLE FOR THE DAY-TO-DAY OPERATIONS OF THE COMPANY.

LOCATED ABOUT AN HOUR NORTH OF NEVADA CITY. THE SIXTEEN TO ONE IS KNOWN THROUGHOUT THE WORLD AS ONE OF THE RICHEST GOLD CONCENTRATIONS ON EARTH.

THE REMOTE COMMUNITY OF ALLEGHANY IN SIERRA COUNTY IS THE LAST REAL GOLD CAMP IN THE CALIFORNIA/SIERRA NEVADA GOLD BELT.

The mine has provided its owners, crew and neighboring communities with over 1.2 million ounces of gold. The company is the oldest United States gold producer and operates longest working mine in North America (three centuries).

Mr. Miller moved to Alleghany in 1975, purchased the Morning Glory Gold Mine, where he began his underground hard rock career. Prior to that he had built and operated several businesses in Santa Barbara. He provided beer, food, pool tables, volleyball and live bands to needy university students and others from 1965 to 1971.

Mr. Miller served as a Trustee and President of the Sierra County Board of Education and Sierra Plumas Joint Unified School District between 1979 and 1983. In 1991 he joined the Sierra County Planning Commission until 2001 (Chairman in 1992,1993,1999 and 2000).

Mr. Miller holds a California Class A General Engineering contractor license. And completed a \$2 million underground contract for Parks and Recreation at the Empire Mine in Grass Valley in 2006.

In 1965 he received a B.A. from the University of California at Santa Barbara in combined Social Sciences-Economics. He was born and raised (fifth generation) in Sacramento.

ATTACHMENT 25

California Regional Water Quality Control Board, Central Valley
11020 Sun Center Drive #200
Rancho Cordova, CA 95670-6114

Date: March 8, 2011

Facility ID: 5A462023001
Invoice Number: WD-0046644

Enclosed is a letter to the State Water Resource Control Board that is self-explanatory.

On behalf of Original Sixteen to One Mine, Inc. I request that you take all steps necessary to evaluate the above-identified facility's assigned water classification. If a permit for this property is lawfully required, your agency has assigned the wrong classification.

Please be advised and take into account that there were no inspections of this property for eleven years. In 1998 the milling operation ceased which stopped all waste discharges from the operation. Letters were sent and are in your files requesting that a new classification be assigned based upon the actual situations at the property. No one responded.

Last year I noticed that the classification changed from 2B to 2C without any explanation. The invoice was paid with a declaration that the fee was inappropriately assessed due to the wrong classification. This year another request for payment was sent. It was not paid but a return letter was sent to the billing agent with an explanation and request for a reclassification. No one contacted the Original Sixteen to One Mine, Inc.

The actions of the Water Control Board have injured this company and continue to cause a loss of money, business opportunities and other related harm. It is beyond the breadth of my mind to understand how and why the California water public agency continues to ignore its responsibility to a California business and the general public. Please send this letter to whoever has the responsibility for establishing the fieldwork to properly classify water regulations in Sierra County. Also, please contact me directly forthwith that this request is in the proper department for review.

Sincerely,

Michael M. Miller, President