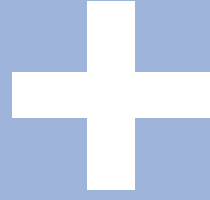




**MIDAS** GOLD

# 2014 Sustainability Report



***“Sustainable development is a dynamic process which enables all people to realise their potential, and to improve their quality of life, in ways which simultaneously protect and enhance the Earth’s life support systems.”***

- Forum for the Future  
Annual Report 2000



## President's Message

I am proud to lead the Midas Gold team.

Where most people see a remote landscape scarred by mining activities of the past, our engaged and enthusiastic team sees opportunity. I am excited by the work we've done over the past year. We increased our knowledge of the world class mineral deposits at Stibnite and we continued to think big when it comes to environmental sustainability, safety and engagement with local communities.

- We are serious about safety. Midas Gold employees form the foundation of our culture of safety with full support from management and the Board of Directors. Our goal is for all employees to go home to their families healthy and safe every day.
- To achieve our goal of reducing our carbon footprint, we invested in solar power, which eliminates our need for 13,000 gallons of diesel fuel each year. Our team is committed to the environment and this commitment sets us apart.
- Engaging with our community remains a top priority for us. Over the last year, 240 visitors toured the site and we connected with more than 1,000 local students.

I know we can accomplish our goals by recognizing the importance of community, environment and the economic opportunity that we can create. These are integral to our work today and will guide us into the future.

Thank you for reading our 2014 Sustainability Report.

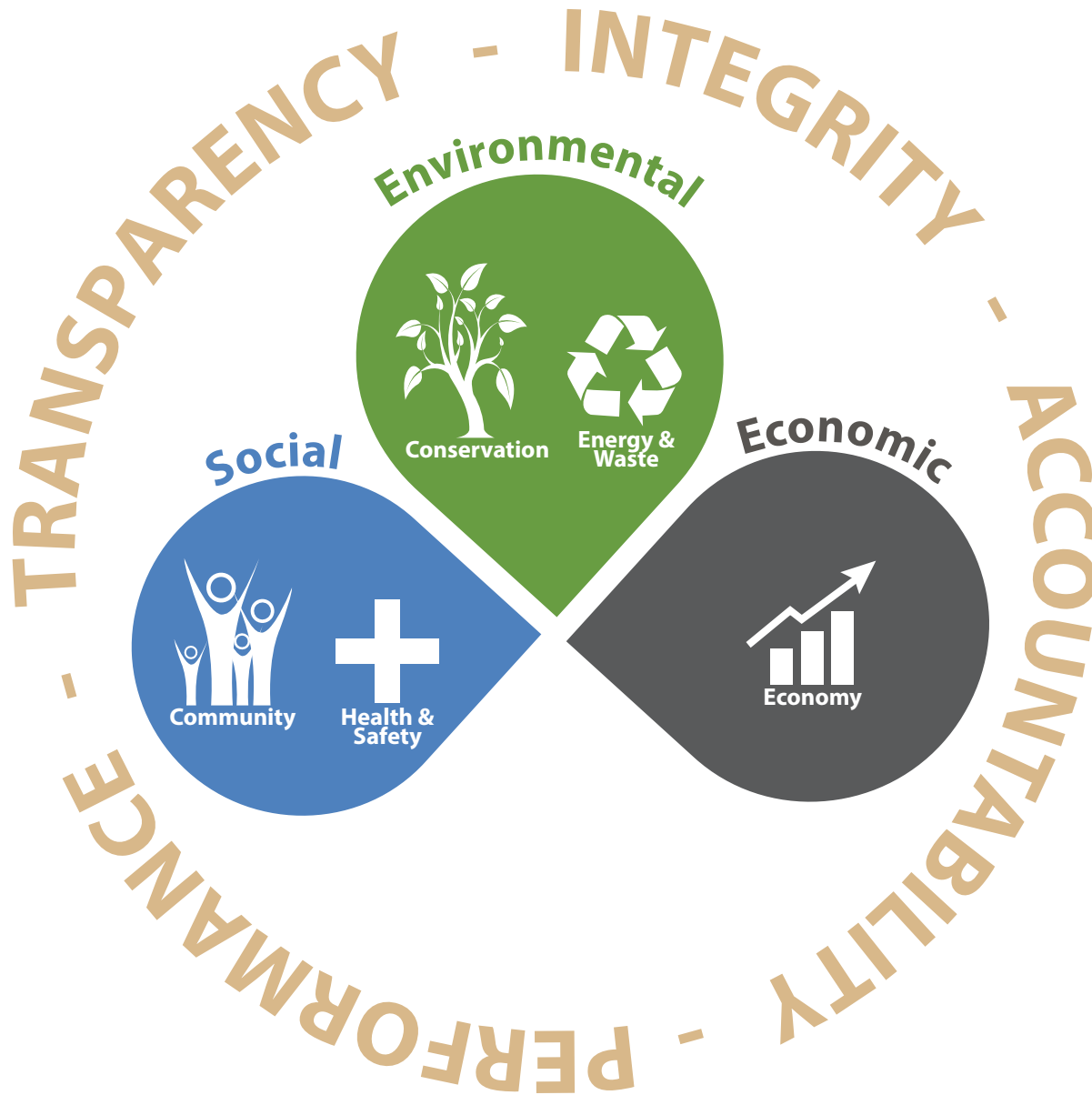
*- Bob Barues*



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# Our Commitment



## Our Commitment

### SAFETY

The health and safety of our employees, contractors and the public is of the utmost importance.

### ENVIRONMENTAL RESPONSIBILITY

We go above and beyond what is required; we find practical solutions to manage growth, while protecting and enhancing the natural environment.

### COMMUNITY INVOLVEMENT

As a proud part of the community, we actively strive to serve the community's needs, to collectively enhance prosperity and well-being.

### TRANSPARENCY

We fulfill our commitments in an open and transparent manner. We aim to be accurate, consistent and straightforward in all information delivered to our stakeholders.

### ACCOUNTABILITY

As part of our governance, we ensure that accountability guides all of our actions, decisions, conduct and reporting.

### INTEGRITY & PERFORMANCE

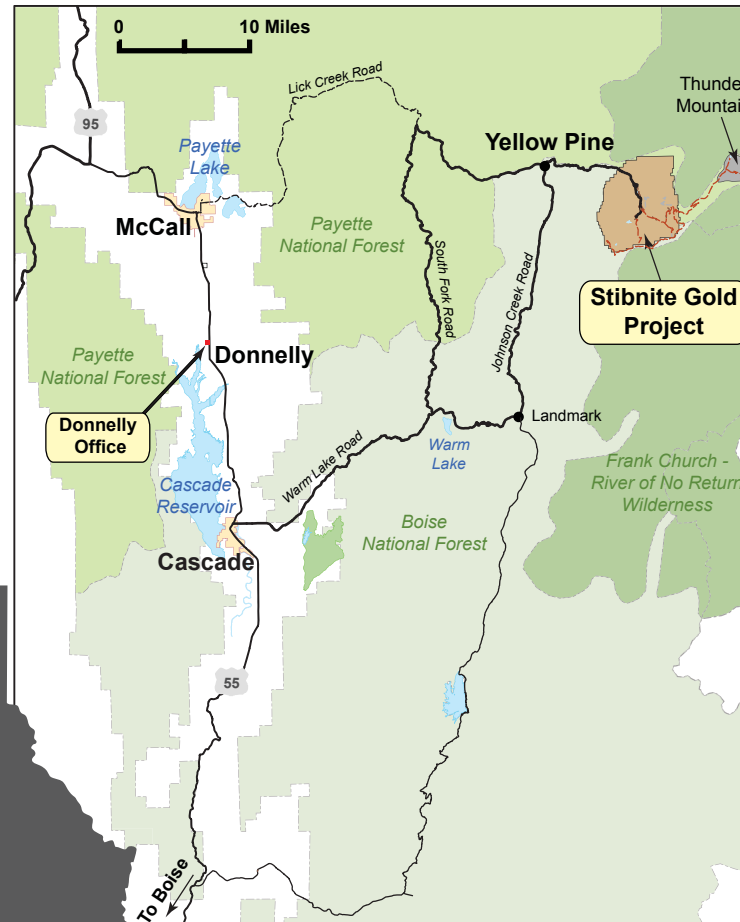
We hold ourselves to high moral standards and strive to fulfill our commitments in an effective and sustainable manner.

# The Stibnite Gold Project



**Stibnite,  
IDAHO**

Our goal is to develop a Project that is economically feasible, socially and environmentally sound, and that can finance restoration of an existing brownfields site.



## The Stibnite Gold Project

At Midas Gold, we are exploring an old mining district for gold, antimony and other minerals that are critical to the modern economy of Idaho and the United States.

After nearly a century of mining activity, the Stibnite Gold Project area still contains valuable mineral resources. However, the site also has a significant amount of environmental disturbance from past activity. We look forward to restoring many of these areas as we work towards the development of a plan for a new, well-designed mine.

The Stibnite Gold Project site provides us with an opportunity to:

- Re-establish fish passage in the upper watershed
- Rehabilitate stream channels and create wetlands
- Remove and reprocess existing tailings
- Re-use existing spent ore material for new construction
- Rehabilitate historical impacts

The Stibnite Gold Project could bring more than a billion dollars of investment to Idaho and approximately 1,000 well-paid jobs.

## MAC Towards Sustainable Mining

The Mining Association of Canada (MAC) developed the industry-leading and internationally recognized Towards Sustainable Mining (TSM) initiative for reporting:

[www.mining.ca/site/index.php/en/towards-sustainable-mining.html](http://www.mining.ca/site/index.php/en/towards-sustainable-mining.html).

At Midas Gold, we take this proactive approach to track our performance in:

- Safety & Health
- Conservation Management
- Energy & Waste
- Community
- Economic Sustainability

We strive for continuous improvement in each category.



**Please see Midas Gold's 2014 self-assessment at [midasgoldidaho.com/Sustainability](http://midasgoldidaho.com/Sustainability).**

We achieved an average grade of "A" and sustained our year-over-year rankings in all performance indicators.



# Conservation



*"I am proud to say we have reclaimed eight acres of historically impacted land and are making extra efforts to improve wetland and aquatic habitats. With the development of an integrated sustainability plan for the Stibnite Gold Project, we plan to improve environmental conditions at a historically impacted site and develop, preserve, guard and protect a healthy natural environment."*

- Kyle Fend  
Environmental Superintendent





**30,000**  
TREES  
PLANTED

### Conservation Management

We continually strive to maintain a high standard of conservation and reclamation.

### Tree Planting

We planted more than **30,000 lodgepole pine trees** in four years, with many more to come. We have also planted **hundreds of willows** to enhance riparian areas and wetland habitat. We plant lots of trees in order to improve historically disturbed land. The resulting vegetation increases biodiversity and improves downstream water quality and fish habitat by reducing soil runoff.

Buffalo-Berry Farm in Valley County supplies seedlings grown from Lodgepole Pine cones collected from the Stibnite Gold Project area.

In 2014 we also collected Douglas Fir pine cones and will have those seedlings ready for the 2016 planting season.

### Good Neighbor Policy

At Midas Gold, we strongly value our local communities and try to minimize our impact on others. We transport workers, food, supplies and mail to Stibnite using trucks and the local road system. In the dry, dusty days of summer, we use a biodegradable dust abatement product that helps keep down dust. By doing this, we improve air quality and safety, improve water quality in nearby streams, which has a positive impact on fish habitat and the health of local plants.

### Scrap Metal Cleanup

In 2014 we **removed 30 tons of metal trash** from private and public land along county roads. Old automobile frames, empty barrels and lids, scraps of corrugated metal roofing and other objects left by prior operations were removed and disposed of at an approved waste facility. Nearly ten tons scrap metal were accepted for recycling.



CLEANED UP  
**30**  
TONS OF  
SCRAP METAL

### Why do we plant Lodgepole Pines?

The dominant tree species in the nearby village of Yellow Pine is Ponderosa Pine, but we plant Lodgepole Pine at Stibnite. Although Stibnite is only eight miles from Yellow Pine, the elevation at Stibnite is 2,000 feet higher and the climate is more supportive of a Lodgepole Pine habitat.

Please see [midasgoldidaho.com/2014/03/31/lodgepole-pine/](http://midasgoldidaho.com/2014/03/31/lodgepole-pine/) for more information on tree planting at Stibnite.





**100%**  
**DRILL PADS**  
**RECLAIMED**

### Conservation Through Reclamation

Midas Gold’s environmental team is essential to meeting our sustainability objectives. Their work ensures environmental compliance today and aids in the repair of many environmental impacts of historic mining activity including abandoned open pits, heap leach pads, waste rock dumps, old tailings, haul roads and the old mill and smelter locations.

**33**  
**ACRES**  
**RECLAIMED**

We are dedicated to cleaning up the many areas of the site impacted by open pit mining by prior operators. We replace culverts and repair stream crossings

damaged in floods or otherwise degraded in order to reduce sediment and improve downstream water quality and fish habitat.

The effort to clean up disturbed areas will continue. We know that there is a lot of potential for further improvements to the environmental quality and sustainability of the local ecosystem.

Since we began our exploration of Stibnite in 2009, we have **reclaimed 100 percent** of our completed drill sites and all of the operation areas outside of the active camp, as well as eight acres of impacts left behind by historic mining activities. In total, we have **reclaimed 33 acres** since 2009.

We set aside enough money to ensure the clean up of existing disturbance and also finance site restoration. Today’s environmental standards are substantially higher than they were even 20 years ago. We aim to meet or exceed those standards in all of our activities.





## Baseline Studies

Some of the top science and environmental engineering companies in North America are working with Midas Gold. Scientists and technicians specializing in water, fisheries, wildlife and plants are collecting information about the current environmental conditions and biodiversity at Stibnite. Their work includes studies on water and air quality, meteorology, fauna, fisheries, invertebrates and plants.

## Aquatic Survey

Fish passage and aquatic habitat is very important to us and to local stakeholders. We have a team of experts evaluating ways to support fish habitat and enhance riparian conditions. Gathering information helps our engineers integrate environmental improvements into our designs, including designs that would support fish passage past the old Yellow Pine open pit for the first time since the 1930s.



## Winter Carnivore Study

We have been studying animals inhabiting the Stibnite area. Wildlife Ecologist Graham Neale, of Garcia and Associates, worked with us on a winter carnivore survey for wolverine, lynx and fisher in potential habitat areas in the Stibnite area and as far as Warm Lake. We surveyed more than 500 square miles and installed observation stations with bait, wildlife cameras, and fisher “cubbys” and brushes designed to collect hair samples for DNA analysis. Studies reveal two males and one female wolverine who covered large distances over a broad range of the study area. The results will be incorporated into our terrestrial wildlife baseline study.



# Energy & Waste



*“Lowering our ecological footprint is a target that fits Midas Gold’s core values. Our recycling efforts have decreased waste going to landfills and our solar and energy efficiency measures will save 13,000 gallons of diesel fuel every year. These improvements set the foundation for our future path towards lowering our environmental footprint and engaging our community in that process.”*

- Bob Barnes  
President and Chief Operating Officer

## Energy and Waste Management

Reducing fuel consumption and minimizing our waste reduces environmental impact. At Midas Gold, we work to reduce consumption by implementing projects such as recycling used oil, metal, cardboard, plastics, and print cartridges.

### Recycling

As part of our community outreach, we encourage and support recycling within local communities. For example, in 2014 we managed the recycling bins for the annual Yellow Pine Harmonica and Music Festival. The Midas Gold team collected 529 pounds of recyclable materials, including 103 pounds of aluminum, 126 pounds of plastic and 300 pounds of glass generated by thousands of attendees over the three-day event. We also maintain a recycling bin at the popular Johnson Creek backcountry airstrip and have recycling programs in all of our office locations. We kept more than 1,000 pounds of recyclables out of landfills in 2014.

**1,000+**  
**POUNDS**  
**RECYCLED**



## Leading By Example

Land Manager Jeff Root is passionate about alternative energy. In addition to leading Midas Gold's solar installation projects, Jeff and his wife, Pamela, have added solar at their home. In 2014, Jeff spent 100 hours over many weekends installing a 24-panel, 6.8 kilowatt photovoltaic system on his Boise home. Jeff and Pam have also been reducing their electrical consumption by installing energy efficient fixtures and appliances such as LED lighting and an Energy Star water heater.

Jeff notes "even in Idaho where electricity is relatively inexpensive, solar can be a sound investment." He adds, "We aim to be net zero for electricity, adding value to the community and the property. Many neighbors have asked about the project and I tell them that this is a great way to save energy."

Check Jeff and Pam's energy production in real time:

[monitoring.solaredge.com/solaredge-web/public?name=Root83702](http://monitoring.solaredge.com/solaredge-web/public?name=Root83702)



SAVED  
**13,000**  
GALLONS OF  
DIESEL FUEL

### Solar Power

We are excited that our new solar power system will conserve a quarter million gallons of diesel over its lifetime. The “Stibnite Camp Solar Project” was designed and built in partnership with Kelley Dagley of Dagley LLC in order to reduce fuel consumption, and to reduce greenhouse gas emissions. By using solar power, we can turn off our main diesel generator for weeks at a time. The array of 40 solar panels can produce 11 kilowatts of power.

Every year, the solar panels will avoid the burning of 13,000 gallons of diesel fuel. This is Midas Gold’s second major solar project, following the 2013 installation of a solar-powered air monitoring station.



### Net Zero Energy Management

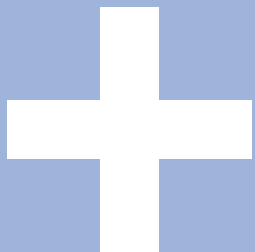
We are working towards net zero energy consumption for heat and lighting for our current activities. At Stibnite, we control our lighting and heating using a centralized system that includes motion, temperature and power sensors. This reduces overall energy consumption, saving 30,000 kilowatt-hours per year by maximizing solar and minimizing fossil fuels.

In 2015, we intend to double the Stibnite Camp Solar Project’s output.

We also reduce greenhouse gas emissions, including CO<sub>2</sub>, by reducing fuel consumption and planting trees.



# Health & Safety



***"I am proud to be part of a team which is so aware of safety and health issues. By building on our efforts in previous years, each employee has helped to achieve and maintain our standards and our exemplary safety and health performance throughout 2014. We continuously look for ways to further enhance our performance."***

– Richard Moses  
Field Operations Manager



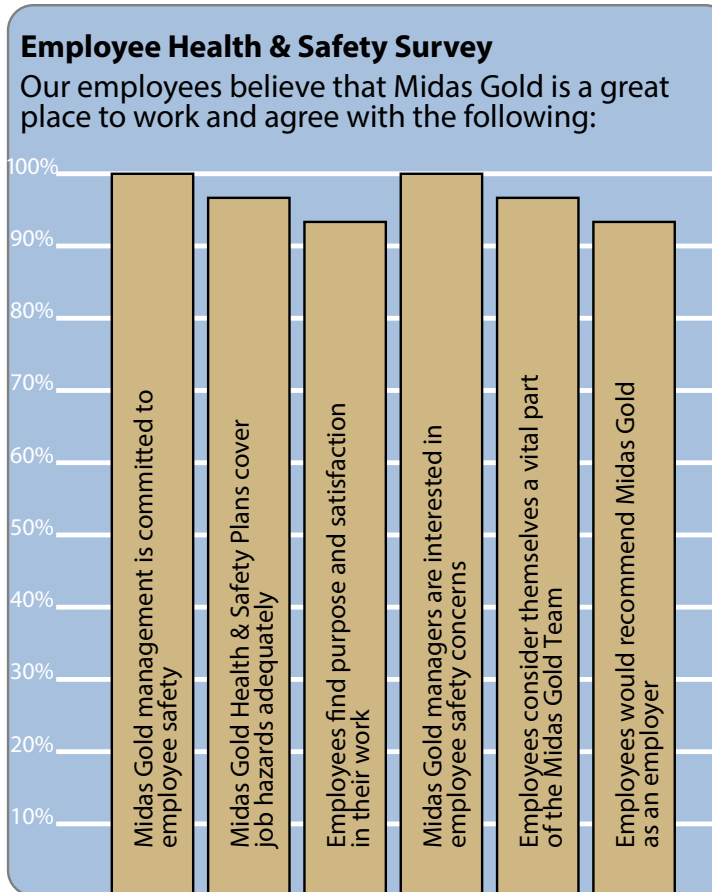
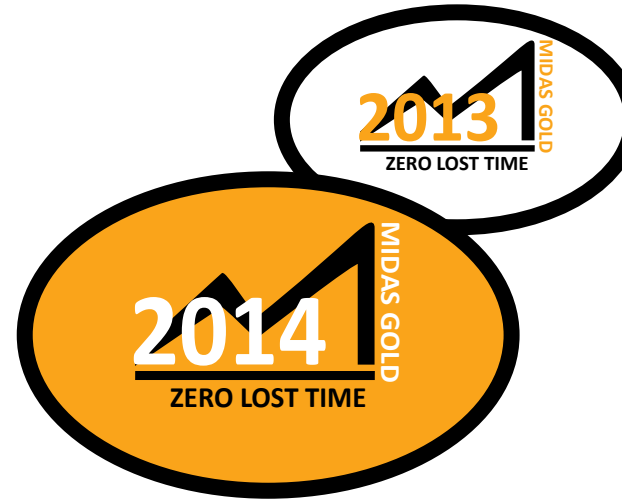
## Health and Safety

Safety is at the core of our company culture. We are immensely proud that our attention to and investment in safety meant that we had zero time loss incidents in 2014!

To be serious about safety means that, from our Board of Directors to our employees on-site, everyone must have the right training and the necessary resources and everyone is held to the highest standards and expectations.

Every Midas Gold employee plays a critical role in keeping our workplace safe.

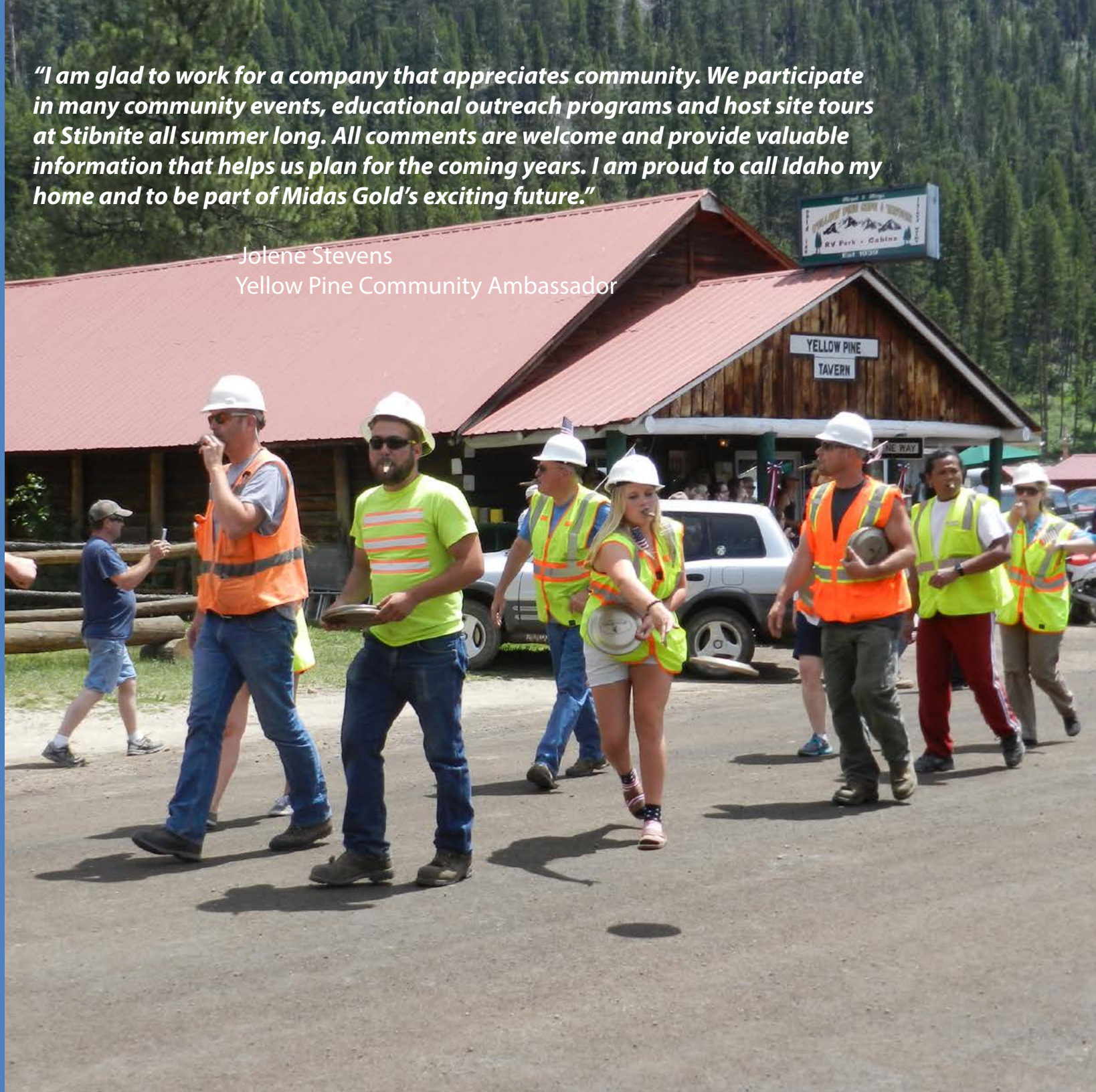
In 2014, we chose to participate in Boise State University's Occupational Safety and Health Consultation program which audited our facilities, company policies and operations. We achieved **100 percent compliance** with OSHA regulations and recommendations.



*"I am glad to work for a company that appreciates community. We participate in many community events, educational outreach programs and host site tours at Stibnite all summer long. All comments are welcome and provide valuable information that helps us plan for the coming years. I am proud to call Idaho my home and to be part of Midas Gold's exciting future."*

Jolene Stevens  
Yellow Pine Community Ambassador

Community



## Community

Community is Midas Gold's foundation. We serve our local communities of Yellow Pine, Cascade, Donnelly, Lake Fork, McCall and Boise, Idaho.

We are an involved, engaged civic partner and strive to safeguard the health, safety and environmental well-being of our employees and the communities in which we live and work. Our employees are the face of Midas Gold and have close personal ties with their local schools, churches and businesses. We are proud to support our communities and proactively seek ways to strengthen relationships.

We listen and respond to local concerns, provide informational updates and actively participate in community events.

**See us in action!** In 2014, more than 240 people joined in 29 tours of the Stibnite area, mostly during the snow-free days of summer. Members of the public, students, regulatory agencies, and legislators watched us work, witnessing our ongoing commitment to workplace safety and environmental stewardship and also saw first-hand the extensive impacts of historical mining activities that still remain at the site today.

Our door is always open, and you are welcome to join us on a Stibnite site tour this coming summer, or come to our annual open house held at our Donnelly office.

Please tell us what is important to you. With Midas Gold, you have a voice in developing a sustainable project.



*Ron Harper, Kacie Bracht, Dan Davis, Sylvia Ryan, Bob Youde, and Steve Clements are the members of the Community Advisory Committee.*

## Local Representation and Accountability

In 2014, a Community Advisory Committee was created to provide an independent voice for the community. This volunteer committee is comprised of local community leaders from Valley County, who meet regularly to discuss topics related to Midas Gold and the Stibnite Gold Project. The committee also helps to enhance communication with our stakeholders.

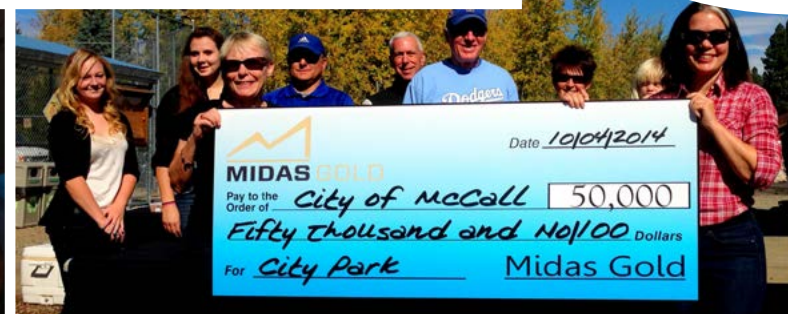
The committee is encouraged to be critical, and ask the tough questions on behalf of the community to ensure we walk a successful path.

Additionally, four local Valley County residents joined Midas Gold's Board of Directors, providing local representation and accountability at the highest levels of our decision-making processes.



## 2014 Community Events

Community events are very special to us at Midas Gold. We were excited to participate in many events in 2014 and plan to make our contributions an integral part of our community commitment as we build a tradition of service now and in the years to come.



**EDUCATION**

- McCall Elementary
- "Fizz, Boom, Read"
- Summer Children's Program
- McCall-Donnelly HS Science Fair
- College Scholarships (5)

**ENVIRONMENT**

- Northwest Natural Resources Institute
- Boy Scouts Merit Badge
- Fairway Park Improvements
- Adopt-A-Highway Cleanup
- Donnelly Huckleberry Festival
- Avalanche Clean-Up





McCall Winter Carnival

Yellow Pine Fourth of July

McCall Community Resource Fair

Payette Children's Forest

Midas Gold Donnelly Open House

Thunder Mountain Pioneers Dedication

Yellow Pine Harmonica Festival

Cascade Four Summit Challenge

Yellow Pine Memorial Day

Stibniter's Reunion

IMMG Rock Party



## Commitment to Community

Community Coordinator Belinda Provancher is actively engaged in the community both as part of her relationship with Midas Gold and also on a personal level.

Belinda cherishes all opportunities to engage with the community so that she can help wherever and whenever she is needed.



A tireless volunteer, in 2014 Belinda joined the McCall Optimist Club and the Youth Advisory Coalition and Leadership Team. She participates in a multitude of Valley County community events, often at the organizational level.

As a mother, Belinda is particularly drawn to organizations and events focused on children and youth in our community, such as the Barbara Morgan Elementary School Outreach Program, McCall-Donnelly High School Science Fair, Donnelly Elementary Educational Outreach Program, Yellow Lantern Disability Prom, Sober Grad Night Party and the Coats for Kids Program.

**We are grateful for all input  
from our stakeholders.**

**You can reach Belinda  
by email at  
[community@midasgoldinc.com](mailto:community@midasgoldinc.com)  
and by phone at  
208.901.3060**



*"In my three years with Midas Gold, I have seen how much economic benefit we have provided to my community. I am excited to have been a part of what we have accomplished so far and about our potential to generate increasing prosperity in Valley County."*

- Tanya Nelson  
Project Controller



Economy



## Employment and Economic Benefits

Midas Gold has a significant and meaningful positive economic impact on our local communities. We have spent nearly **\$100 million** since we began exploration of the Stibnite Gold Project area in 2009.

### Putting People to Work and Supporting Local Business

We are committed to hiring and purchasing locally. In 2014, Midas Gold had 30 full-time employees, and in 2012, at our peak of exploration activity, filled the equivalent of 171 full-time positions. In addition to Midas Gold hiring employees directly, hundreds of people working in nearly 200 Idaho-based businesses supported the Project.

In 2014, we spent \$12.5 million on wages, supplies and consultants with most of the dollars being spent in Idaho and in Valley County.

By hiring locally, **we keep workers and wages in Idaho.**

- The average mining job in Idaho pays \$102,000 per year in salary and benefits, which is more than double Idaho's average wage and benefits rate.\*
- In Idaho more than 3,000 people are employed in mining and every mining job is estimated to generate another 1.9 indirect jobs in the community.\*

*\* Source: December 16, 2013 University of Idaho study.*

### Resource Expansion and New Deposits

Our investment in the Stibnite Gold Project has identified potential for a robust and economic Project that can finance restoration of the site, and there is still much more to be discovered.

Midas Gold's exploration team is particularly excited about the potential of some higher grade underground prospects and several completely new deposits.

A successful Project could mean economic benefit to the community in the form of added jobs, supply and contracting opportunities, and improved prosperity and infrastructure that tax dollars would bring.



## Antimony

Antimony is the rare silvery-white metal that gave “Stibnite” its name. Antimony sulfide ( $Sb_2S_3$ ), or Stibnite, is important for fire prevention, national defense, energy, and also has high-tech uses. Antimony has been used for thousands of years - archaeologists believe that Ancient Egypt’s Queen Nefertiti used Antimony-based eye makeup.

The world’s supply of Antimony is dwindling. China is the main producer of Antimony and production has been declining and is expected to further decrease in the future. There is no Antimony being mined in the United States, which means that America relies on China for its supply.

The United States Geological Survey is studying the Stibnite area to understand the origin of this largest known Antimony deposit in the U.S. with the aim of finding other American sources of this critical mineral to reduce domestic dependency on imports.

The Stibnite Gold Project could account for a significant proportion of world Antimony mine production and could significantly decrease American dependency on foreign Antimony imports for critical defense and energy needs.

For more information see the **USGS 2015 Fact sheet on Antimony featuring the Stibnite Gold Project:** [pubs.usgs.gov/fs/2015/3021/](https://pubs.usgs.gov/fs/2015/3021/)

**Americans use 44,000,000 pounds of Antimony each and every year**



**Stibnite, IDAHO**

**DID YOU KNOW?**

**The Stibnite Gold Project . . .**

- . . . is the largest known Antimony deposit in the United States**
- . . . could supply one-quarter of American demand for Antimony**



## Main Uses for Antimony

**Fire Prevention:** Plastics and textiles blended with Antimony have a wide variety of uses and can be found in fire protective work wear, firefighting flame retardants, electronics, hospital linen and children’s clothing.

**Optical Glass:** Antimony makes optical glass clearer by acting as a decolorizing agent. Examples includes iPad screens, and camera and binocular lenses.

**Batteries:** Antimony allows manufacturers to make smaller and more efficient batteries.

## Creating a Sustainable Future

### The Future is Bright

At Midas Gold, we are dedicated to sustainable development and conservation. In the future, we aim to address the environmental conditions at the heavily disturbed Stibnite historic mine site while also bringing economic benefits to Idaho.

As part of the design for the Stibnite Gold Project, Midas Gold has incorporated a number of changes into its latest study that should improve water quality, enhance fish habitat and allow fish passage much sooner than previously contemplated.

Midas Gold's Preliminary Feasibility Study highlights many of our ideas for cleaning up the site: [midasgoldinc.com/s/2014PFS.asp](https://midasgoldinc.com/s/2014PFS.asp).

### A Century of Mining

Nearly 100 years of mining activity has left Stibnite in need of repair. During World War II the U.S. Government relied on Stibnite as a critical source of antimony and tungsten in defending the nation. A later generation of miners produced gold during the 1980s and 1990s.

This activity cut off fish passage at the Yellow Pine pit (shown in photo below), left old tailings and waste rock at Stibnite, and caused an increase in sediment delivered to local waterways.

## OUR OBJECTIVES

### Conserve Wild Areas

- Leave wild areas wild and reuse historically disturbed areas.
- Reduce our impact by reducing our environmental footprint.

### Protect Water Quality and Fish Habitat

- Avoid travel on roads adjacent to waterways.
- Plant trees in areas burned by forest fire to reduce sediment.
- Control sediment originating from "Blowout Creek", the largest source of sedimentation in the area.

### Restore the Site

- Clean up existing conditions by reprocessing historical tailings, removing historical waste rock and reusing historically generated spent heap leach ore.
- Restore historically impacted streams to create healthy fish habitat.
- Recreate fish passage into the upper watershed.



*"We believe in doing what is right by acting in a responsible and sustainable manner, and this philosophy is the foundation of our business plan. Respecting and appreciating the environment, creating economic benefits in the community and working with our stakeholders will help us to create a very positive outcome. We have a bright and prosperous future ahead of us."*

Anne Labelle  
VP Legal & Sustainability

Midas Gold has offices in:  
Donnelly, Boise & Stibnite, Idaho  
and Vancouver, BC

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