

Libertygold



2022

Environmental,
Social and
Governance
Report

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About this Report

Welcome to our second annual Environmental, Social and Governance Report.

Sustainability is not a destination, it's an ongoing journey. We have integrated material environmental, social, and governance performance goals into both our day-to-day business and long-term decision making. This report includes both quantitative metrics and qualitative disclosures from our operations from January 1 to December 31, 2022, unless stated otherwise. The report is aligned with the standards and framework of the Sustainability Accounting Standards Board ("SASB"). Whilst we are an exploration and development company and in the early stages of our environmental, social, and governance ("ESG") journey, Liberty Gold is committed to strong, industry best ESG practices and will continue to report on our performance on an annual basis.

The data provided in this report have not been subject to third-party assurance. As our sustainability program evolves over the coming years with the company moving towards production decisions and our ESG commitments mature, we will consider having the data verified by a recognized third-party reviewer.

Liberty Gold operates under the subsidiaries Pilot Gold (USA) Inc. at our Black Pine property in Idaho, Pilot Goldstrike Inc. at our Goldstrike property in Utah, and under Orta Truva Madencilik at our TV Tower property in Türkiye.

We welcome questions and feedback on our report which can be directed to: info@libertygold.ca



About Us

At Liberty Gold, we are in the business of discovering and developing gold deposits in a responsible way.

We are the operator of two oxide gold projects in the US Great Basin, one of the world's friendliest mining jurisdictions. Highly valued, but increasingly rare, oxide gold is the signature commodity for building low-cost, technically simple, heap leach, open-pit mines. This region is one of the most prolific gold-producing regions in the world and stretches across Nevada and into Idaho and Utah. Liberty Gold has in-depth in-house knowledge of the Great Basin, and we are driven to discover and advance big gold deposits that can be mined profitably in open-pit scenarios.

Our flagship project is Black Pine Oxide Gold Project in Idaho - a past producing open-pit mine, where previous operators only scratched the surface. The historic Black Pine Mine operated from 1992 to 1997, during a period of historically low gold prices. Black Pine is a highly prospective, massive, mineralized oxide gold system whose true value and size are only now being unlocked. Additionally, our Goldstrike Project in southwestern Utah is an oxide gold resource at the preliminary economic assessment stage. Combined, we are building toward a multi-million ounce oxide gold resource, creating exceptional shareholder value.

Black Pine is located in the northern Great Basin, immediately adjacent to the Utah/Idaho border. It is a Carlin-style gold system, similar in many ways to the multiple deposits and mines discovered along Nevada's Carlin trend. Like Nevada Gold Mines' Long Canyon deposit, Black Pine represents a growing number of Carlin-style gold systems located off the main Carlin and Cortez trends in under-explored parts of the Great Basin.



Our Purpose

At Liberty Gold, our purpose is to discover and develop precious metal resources, to unlock shareholder value and develop communities.

Our values

- ◆ We place people first
- ◆ We grow hand in hand with the communities around us
- ◆ We strive for a net positive impact
- ◆ We lead with integrity, trust, transparency & accountability

A Message from our President & CEO



On behalf of Liberty Gold, I am pleased to present the company's second annual Sustainability Report outlining our environmental, social and governance activities in 2022.

This report reflects our ongoing commitment to sustainable policies and practices as we evolve from an exploration company to one focused on development. Our ESG framework empowers our team to move our projects forward in a responsible manner, respectfully earning our place in each of the communities with whom we operate.

At Liberty Gold, we continue to place our people first, recognizing our team is our greatest asset. We additionally place importance on protecting our environment and creating a positive impact on the communities we work within. Our people drive a unique and innovative approach to managing all matters 'ESG' which has been acknowledged recently, in our receipt of the 2022 Environmental Excellence Award from the State of Utah, Department of Natural Resources.

This report reflects our ongoing commitment to sustainable policies and practices as we evolve from an exploration company to one focused on development.

Our two main assets, Black Pine in Idaho and Goldstrike in Utah, are both former open pit, heap-leach mining operations, which we are working to bring back into production in partnership and for the prosperity of all of our stakeholders. As we work towards the goal

of transitioning to an active producer, we are actively pursuing modern technology to design responsible and sustainable mining operations; these promote minimal environmental impact and long-term value, while ensuring a net positive benefit to the local communities.

It should be noted that this past year, we have made a number of governance enhancements including: making changes to board composition, resulting in women constituting over 40% of the board; the elimination of related party contracts; mandatory minimum share ownership for board members and employees; and the inclusion of performance-based equity grants. These governance improvements are consistent with our values which we operate, both on a day-to-day basis and also over the longer term to guide strategic decision making.

In this report, we outline our ESG management plans including our work on biodiversity studies and community engagement. While our activities in the Great Basin are not directly impacting endangered or threatened species, we are pleased to be voluntarily planting a large area of sagebrush seedlings in Idaho, in order to promote the rehabilitation of habitat of the Greater sage grouse, an important native bird species.

Consistent with last year's inaugural Sustainability report, Liberty Gold continues to align our activities with the SASB framework as we believe it the most relevant framework for our company at this time. We additionally have identified material topics for our stakeholders and used those topics for the basis of presentation in our current reporting. Liberty Gold is committed to a ESG framework that is timely and transparent for all our stakeholders. We thank you for your support.

Jason Attew
President & CEO

Our ESG Framework

At Liberty Gold, we believe that embracing and integrating ESG practices into our business operations and decision-making criteria is a fundamental part of delivering long-term value to all of our stakeholders.

This second annual ESG report lays out our sustainability strategy and commitments, which we will continue to build on and enhance as we grow into a mine development company. Whilst in its early stages, our sustainability strategy is centered firmly around five pillars:

- 1** **Protect** our planet's resources
- 2** **Contribute** to an equitable and just society
- 3** **Implement** strong health safety & environmental control practices
- 4** **Integrate** ethical governance practices throughout our business
- 5** **Create** a net-positive impact for communities in which we operate



ESG Governance

Our ESG reporting program is governed by our Health, Safety, & Sustainability Committee which reports directly into the Board. The Committee meets at least twice a year to review the ESG strategy, progress and commitments made, along with any new sustainability issues that need to be addressed. In 2022, this committee started to enhance ESG governance through the commencement of formal external and internal training programs, to build Board governance capabilities as Liberty Gold matures along its Sustainability journey.

In January 2023, we announced the appointment of Lisa Wade to our Board of Directors, and she became the new chair of this Committee. Ms. Wade is an environmental engineer with over 25 years of experience in the mining industry and has held environmental engineering, community relations, permitting, managerial and executive positions over the course of her career.

Our Priorities

Consistent with the prior year, we have aligned our inaugural report to the SASB framework, using the SASB guidance to determine the topics that are material. We are aware of the move towards statutory reporting under the International Sustainability Standards Board (ISSB) framework in various jurisdictions and are evaluating the adoption of the ISSB standards for future reports.

SASB allows us to define ESG topics that are important to our stakeholders, as well as our business, in which we at Liberty Gold can make the biggest impact. The following materiality matrix illustrates our ESG priorities. These are consistent with the prior year, as we remain at a similar

stage in our evolution, we intend to conduct regular materiality assessments every 2-3 years as we develop, to ensure that emerging ESG issues are identified and incorporated into our strategy.

The topics listed as “Highly Material”, and “Material” indicate our current priorities. While topics deemed “Important” are not current focus areas, this does not mean that we do not consider these topics significant, rather, our business operations and associated ‘footprint’ have a limited impact on these components at the time of this assessment.

MATERIALITY ASSESSMENT MATRIX



Alignment with United Nations Sustainable Development Goals

Central to our ESG strategy are the 17 United Nations Sustainable Development Goals (UNSDGs). We believe that all organizations have a responsibility and can positively contribute, to advancing these critical development goals.

At Liberty Gold, we have identified the following sub-set of goals to which we can positively contribute and improve the lives of those around us. As per our inaugural report, we are advancing the four goals where we believe we can make the biggest impact. It is our intention to broaden our focus to additional UNSDGs, as our company, operational footprint, and Sustainability program matures.



The health and safety of our employees, contractors, and the public at large come first and foremost. We place great emphasis on providing a safe and secure working environment for all employees and contractors. The Health, Safety,

and Sustainability Committee meets at least twice per year to review performance and compliance as related to such matters, along with enforcing health and safety policies, training, and orientation sessions for all site workers and visitors on the properties.

Since 2013, Liberty Gold has had no lost-time incidents.



We support the community and contribute to economic growth through equitable and competitive salaries, employee benefits and tax payments. As a mineral exploration and development company, we

recognize that our ability to provide a positive workplace and contribute to economic growth is dependent on maintaining strong relationships with our communities. In doing so, we are committed to respecting the interests, cultures, customs and values of both our people and the communities in which we operate.



We are committed to gender equality and advancing women in business by removing barriers and working to close gender gaps. At Liberty Gold, 33% of our executive team are women, and our Board includes three women, increased from one in 2021.



Climate change is one of the most pressing issues of our time. At Liberty Gold, we are committed to minimizing our environmental footprint through strong environmental policies and practices. Management has

implemented ongoing monitoring programs to comply with state and local closure, reclamation, and environmental obligations. Our commitment to climate change is also reflected in our procurement decisions. We purchase zero carbon power for both our corporate office and for the Black Pine project.

We were also the recipients of the 2022 Utah Division of Oil, Gas and Mining Environmental excellence award.

Performance: Looking Back

2022 Environmental Excellence Award:

The Utah Division of Oil, Gas and Mining is recommending other operators adopt Liberty Gold's award-winning model.



Zero

Lost-time incidents (since 2012).



33%

Of management is female.



\$312,300

Spent in 2022 on environmental surveys including water and air quality studies, seed planting and biodiversity studies such as mule deer populations and sage grouse habitats.



\$542,000

Total spend to date on biodiversity studies.



Performance: Looking Back - 2022 Goals and Targets

Environment		
GHG Emissions	◆ Conduct baseline assessment & determine potential for carbon offsets	✓
	◆ Complete and release formal GHG strategy	Deferred to 2023
	◆ Investigate appropriate carbon intensity metrics for metals exploration companies	✓
Water Management	◆ Acquire sustainable water rights for future operations	✓
Ecological Impacts	◆ Develop greater sage-grouse mitigation plans for Black Pine	✓
	◆ Develop a corporate Environmental Management Policy	✓
Social		
Health & Safety	◆ Zero fatalities; Zero Lost Time Injuries	✓
	◆ 10% reduction in TRIF	✓
Stakeholder Engagement	◆ Implement Stakeholder Engagement database and tracking tool	✓
Emergency Management	◆ Conduct field simulations of Emergency Management Plan	✓
Governance		
ESG Reporting	◆ Release Maiden 2021 Sustainability Report	✓
Critical Incident Risk Management	◆ Roll out updated and revised Crisis Management Plan	✓
Diversity & Inclusion	◆ Implement a Gender Diversity Policy	Changed focus to develop an overall Diversity Policy
	◆ Achieve >30% female Board representation	✓
Board Oversight	◆ Update Health, Safety & Sustainability Committee Terms of Reference	Deferred to 2023



Performance: Looking Forward - 2023 Goals and Targets

Environment		Status
GHG Emissions	◆ Prepare for ISSB/TCFD reporting for 2024 annual report	Ongoing
	◆ Complete GHG strategy for release with 2023 annual ESG report	Ongoing (2024 roll out)
Water Management	◆ Improve water usage management, tracking and reporting	Ongoing
	◆ Purchase lands for potential sage-grouse habitat mitigation	✓
Ecological Impacts	◆ Provide environmental management system and biodiversity training	On Track
	◆ Develop a corporate environmental management policy	✓
Social		Status
Health & Safety	◆ Zero fatalities; Zero Lost Time Injuries	On track
	◆ 10% reduction in TRIF	On track
Stakeholder Engagement	◆ Engage Community Relations team and build local and state-wide profile	On track
Diversity & Inclusion	◆ Implement a Gender Diversity Policy	Ongoing
Governance		Status
ESG Reporting	◆ Implement ESG data tracking and reporting solution.	✓
Critical Incident Risk Management	◆ Develop enterprise risk management system	✓
Board Oversight	◆ Update Health, Safety & Sustainability Committee Terms of Reference	On track

During 2023 so far, we have also achieved 43% female board membership with the appointment of two new female board members Lisa Wade and Wendy Louie. As part of our governance enhancements, we have also included mandatory minimum share ownership for board members and executives as well as established a requirement for performance based equity grants.

We have also engaged a dedicated community relations team member who, along with our new system for stakeholder management will help us engage better with our local community.

Environmental Material Topics



Greenhouse Gas Emissions

We recognize that climate change continues to pose significant challenges to our industry. Mining operations are energy-intensive and generate significant direct greenhouse gas (GHG) emissions that could further contribute to rising temperatures and adverse climatic events around the globe. We understand the importance of shifting toward a low carbon economy and aim to ensure our operations support the global transition. Whilst our GHG impact as an explorer is significantly less than a metals producer, we are committed to minimizing our GHG footprint and growing the right ESG culture in the company as we move into the developer space. 'Design for Sustainability' will be a key component of the engineering studies we will be conducting on our development projects over the coming years.

Leadership of Liberty Gold's GHG reduction strategies and initiatives are provided by the board-level Health, Safety and Sustainability Committee ('the Committee'). The Committee meets every six months to discuss all aspects of environmental management, including targets, permits, and site assessments to ensure the ongoing maintenance of our environmental objectives. In 2022, the Committee continued to monitor the development, management, and ongoing maintenance of our greenhouse gas strategies, which will be completed as the company begins construction.

Total Emissions (tCO₂e)

Site Name	2021	2022
Elko Site Office	54	24
Ankara Site Office	24	2
Vancouver Office	1	1
Goldstrike	280	260
Black Pine	2,223	1,180
TV Tower	40	90
TOTAL (Scope 1 and 2)	2,622	1,557

EM-MM-110a.1 - Gross global Scope 1 emissions, percentage covered under emissions-limiting regulations

EM-MM-110a.1a - Gross global Scope 1 emissions

	2021	2022
Metric tons (t) CO₂-e	2,550	1,498

EM-MM-110a.1b - Percentage of gross global Scope 1 emissions covered under emissions-limiting regulations

	2021	2022
Percentage (%)	0	0

EM-MM-110a.2 - Discussion of long-term and short-term strategy or plan to manage Scope 1 emissions, emissions reduction targets, and an analysis of performance against those targets

Calculations for our Scope 1 and Scope 2 emissions were completed in accordance with 100-year time horizon global warming potential (GWP) values from the Intergovernmental Panel on Climate Change (IPCC) Fifth Assessment Report (2014). Our Scope 1 emissions totaled 1,498 tCO₂e (2021: 2,550 tCO₂e), with as in the prior year, the largest source of direct GHG emissions being fuel from mobile sources, including vehicles and equipment. Liberty Gold's Scope 2 GHG emissions totaled 59 tCO₂e (2021: 72 tCO₂e) across our operations and are the result of electric grid power and other sources of energy purchased from local utility providers. This year-on-year GHG reduction was due in part to fewer exploration drill metres on our properties relative to 2021. This is the natural consequence of evolving from an exploration to a development company and reflects, to some extent, increasing maturity of the resource base at Black Pine. However, we recognize the significant exploration potential remaining at Black Pine and expect to grow exploration drilling going into 2024 and beyond. This could result potentially, in a modest increase in GHG going forward, from increased drilling and exploration activity.

GHG reduction strategies developed in 2022 for trial in 2023 include:

1. “Renewable Diesel” trial in Black Pine site on heavy mobile equipment, with potential roll out to exploration drill rigs and field vehicles in 2024.
2. Discussions with main drill service supplier regards drill rig engine upgrades to Tier III or Tier IV emission’s compliance for 2024 drill season.
3. Road network rationalization/optimization to minimize travel distance from field office to and between drill sites.
4. Increased awareness amongst employees of the need to reduce/optimize fuel consumption in field operations.

Using the location-based method, the emission factor values used to complete our Scope 2 calculations reflect the average emissions intensity of grids on which energy consumption occurs. We have not yet calculated our emissions intensity metric for either 2021 or 2022 due to our current level of production and the lack of industry-accepted intensity metrics for metals exploration companies. We continue to focus our exploration and development efforts on oxide gold deposits that sit closer to the surface and require significantly less drilling to discover and delineate, relative to deeper, underground-accessible mineralization. Using these approaches, our goal is to maintain a future intensity metric lower than the industry average of 0.8 tCO₂e per ounce of gold produced.

In 2022 we began examining our Scope 3 emissions by declaring emissions resulting from airline travel by our employees and contractors. These were deemed to be our most significant form of Scope 3 emissions from transportation, as other commuting impacts were considered minimal as for the large part our employees either live at site during a shift or work from home. Calculations were completed using the U.S. Environmental Protection Agency EPA Simplified GHG Emissions Calculator and classified into short, medium and long-haul flights. These Scope 3 emissions totaled 9.0 tCO₂e with the largest source being medium haul (>300 miles <2,300 miles in length). In 2023 we will begin examining Scope 3 emissions from our supply chain and vendors, including sample assays.

We are committed to the development and implementation of both short-term and long-term emissions management strategies and aim to align our

strategies with the recommendations from the Task Force on Climate-Related Financial Disclosures (TCFD) as we move towards production. While there are no emissions-limiting regulations in place for the regions within which we operate, we are committed to ensuring that the reduction of greenhouse gases will continue to be designed out of our future operations, as far as economically available technology permits. As an example, we anticipate long-term emissions reductions targets to be designed into our production phase planning as we attempt to recognize and mitigate emissions even before they occur. We will include design-stage engineering studies on the viability of implementing solar power at our sites, and plan to further explore ways in which we may reduce fuel usage and the resulting emissions on site. As gasoline and diesel remain the primary fuels used to power equipment and vehicles on our sites, we are engaged in examining the use of electric-powered loading tools and the emerging technology of battery-electric mine haul trucks to limit future fuel requirements for the mines we are designing. The application of such technology would require us to expand electrical power supply to the future mine site, a requirement that carries its own engineering and commercial challenges as well as its specific GHG footprint related to generation and transmission.

Our primary GHG-related objective is to complete and release our formal GHG strategy by 2024, following the confirmation of our baseline assessment. Targets and strategies will apply across all operations and will parallel the internationally accepted target of net-zero emissions by 2050. As it is expected that emissions will fluctuate between the stages of our operations leading to production, the baseline emissions assessment will be aligned with the commencement of production on our sites. Utilizing this timeline will enable us to move forward without having to re-calculate baseline assessments on an ongoing basis.

Climate change is likely to impact exploration activities within the regions we operate. Physical risks, such as extreme precipitation events, droughts, wildfires, and increased temperatures, may adversely impact operations. We are committed to the ongoing measurement and management of these risks and will continue to proactively identify emerging risks to ensure the continued success of our field operations. Transitional risks, such as advances in low-emitting technology or the ratification of emissions-limiting regulations, must be acknowledged and understood to ensure resilience as we move towards a low-carbon economy.

Air Quality

Non-greenhouse gas air emissions from the metals & mining industry can have significant, localized human health and environmental impacts. Effectively managing air quality around our exploration sites is critical to mitigating any impacts on our local environments. It is also important for building and maintaining positive relations with local stakeholders. As there are no mining activities occurring on-site, air pollutants from mining activities do not exist at our field operations.

Liberty Gold is not required to maintain dust control permits at our two US sites, although we have proactively developed fugitive dust control policies and continue to maintain road design and maintenance plans. At Black Pine, our team entered into a road maintenance agreement with Oneida County to further mitigate dust and ensure the ongoing maintenance of local roadways. On-site teams act by treating and then spraying roads and pads with water to suppress dust, using prudent vehicle speeds when on-site, and designing access roads in the most efficient manner to mitigate particulate matter and unnecessary emissions, as required. Teams also remediate all roadways immediately once out of service.

As part of our monitoring program, Liberty Gold began collecting data on particulate matter of a size less than 2.5 microns (PM2.5) at our Black Pine exploration site in 2021 and began to collect similar data at our Goldstrike exploration site in 2022, at our three meteorological weather stations installed at our sites. The board-level Health, Safety and Sustainability Committee, as well as the company's Environmental Manager, are expected to review this data on an ongoing basis.

In designing our future potential mining operations, a proactive and effective dust control program for heavy vehicle mine haulage and light vehicle access roads will be a key feature of operational practice. This will likely involve road surface treatment, water application to suppress fugitive dust, speed controls on key road sections and a dust monitoring network set up around the operation and at potential receptors, to actively monitor both background and generated dust emissions.

EM-MM-120a.1 - Air emissions of the following pollutants: (1) CO, (2) NOx (excluding N2O), (3) SOx, (4) particulate matter (PM10), (5) mercury (Hg), (6) lead (Pb), and (7) volatile organic compounds (VOCs)

Metric Commentary: With very few activities occurring on-site during exploration, Liberty Gold does not track or collect data on non-GHG air emissions. It is expected that air emissions of the listed pollutants will continue to be non-detectable during exploration activities. At Black Pine and Goldstrike, weather stations monitor PM2.5 data for future mine permit needs, but dust control and air quality permits are not required at this time. In 2022 neither site exceeded U.S. EPA primary standards for PM2.5 (35 $\mu\text{m}/\text{m}^3$ in a 24-hour period).

EM-MM-120a.1a - Air emissions for the following pollutant: CO

Metric tons (t)

Not Applicable

EM-MM-120a.1b - Air emissions for the following pollutant: NOx (excluding N2O)

Metric tons (t)

Not Applicable

EM-MM-120a.1c - Air emissions for the following pollutant: SOx

Metric tons (t)

Not Applicable

EM-MM-120a.1d - Air emissions for the following pollutant: particulate matter (PM10)

Metric tons (t)

Not Applicable

EM-MM-120a.1e - Air emissions for the following pollutant: mercury (Hg)

Metric tons (t)

Not Applicable

EM-MM-120a.1f - Air emissions for the following pollutant: lead (Pb)

Metric tons (t)

Not Applicable

EM-MM-120a.1g - Air emissions for the following pollutant: volatile organic compounds (VOCs)

Metric tons (t)

Not Applicable



Energy Management

Mining and metals production is often energy-intensive, with a significant proportion of energy consumption in the industry accounted for by purchased electricity. For metals exploration companies, typically energy consumption is the reverse of production, with energy consumption from fuels significantly exceeding that of grid electrical power consumed. At Liberty Gold, we are mindful of our on-site energy requirements and continue to identify opportunities to reduce emissions associated with energy use. Our Board provides strategic direction related to energy use across our sites and routinely reviews expenditures to accurately understand our evolving energy demands.

We expect that non-carbon emitting electricity sources will become even more critical to our operations in future years, as we look to maintain productivity while meeting any reduction objectives. As we shift from exploration toward production, we are committed to prioritizing the use of renewable energy and efficient technologies and aim to collaborate with external partners to ensure the most effective strategies are implemented across all our operations. We are encouraged by our current energy use metrics for the stage we are at as an exploration and development company and believe that economic benefits may be realized by our further shift towards responsible/renewable energy sources as we move towards a future production scenario.

EM-MM-130a.1 - (1) Total energy consumed, (2) percentage grid electricity, (3) percentage renewable

Metric Commentary: Liberty Gold’s total energy use includes fuel purchased and combusted as well as electricity purchased from local utility providers. At present, there are very few electrical energy requirements across our on-site operations as we continue exploration initiatives, largely related to office usage, site accommodation, fuel dispensing and sample storage & processing. Thus, the total energy consumed from grid

electricity remains minimal at less than 4%. The majority of energy consumed on our sites stems from the use of motor gasoline and diesel. Grid electricity supplied to our head office in Vancouver, British Columbia, is supplied by BC Hydro, a Crown Corporation which generates close to 95% of its electricity from clean and renewable resources. At Goldstrike and our field sites in Utah, approximately 14% of the grid power consumed stemmed from renewables such as solar and wind power, while at Black Pine and our Idaho field sites renewables represented approximately 74% of the total grid energy consumed. At our Elko, Nevada field office, approximately 33% of the grid electricity supplied stemmed from renewables. The majority of grid electricity consumed on our sites and in our offices in Türkiye was provided by non-renewable generation sources.

EM-MM-130a.1a - Total energy consumed

	2021	2022
Gigajoules (GJ) 2021	36,990	21,788

EM-MM-130a.1b - Percentage of total energy consumed that is grid electricity

	2021	2022
Percentage (%)	1.4	3.8

EM-MM-130a.1c - Percentage of total energy consumed that is renewable energy

	2021	2022
Percentage (%)	<1	2.4 (63% of total grid electrical consumption)

The overall reduction in fuel purchased and combusted in 2022 vs. 2021 resulted in an increased percentage of grid electricity and as many of our sites are close to grids that run on renewable sources, the overall percentage of renewable energy consumed increased as well. Increasing the percentage of renewable energy in power drawn from grid supply for our operations is a future objective for Liberty Gold which we will consider for 2024.

Water Management

Liberty Gold is dedicated to managing water resources in a sustainable and equitable manner to further protect local water supplies and quality. We do not use any non-approved substances during exploration drilling at our sites, and any and all additives to drilling water used during all drilling activities meet or exceed all required biodegradability standards. During the environmental review process, Liberty Gold discloses all products used on site to ensure each is approved and non-toxic to groundwater resources. As our exploration activities are focused on oxide gold resources, which typically sit above the water table and our drilling activities rarely make direct contact with aquifers. Furthermore, we are subject to closure, sealing and rehabilitation of all drill collars & holes, as per applicable State/Federal regulations and exploration permit conditions, such that surface runoff cannot infiltrate directly to ground water aquifers as a result of our activities.

Our teams conduct routine water sampling at all sites (Goldstrike, Black Pine and TV Tower) to ensure we meet permit conditions where applicable and build a baseline database of water quality in the areas we operate. This allows us to manage ongoing avoidance of any water quality issues with detailed, high-quality, scientific data.

We are committed to acquiring water rights that support our operations in a sustainable and equitable manner. Should water rights be acquired and re-purposed for mining activities, Liberty Gold is committed to return these water rights to their initial purpose upon completion. Our water use remained primarily non-consumptive throughout 2021 and 2022, as the majority of water resources used during exploration activities were for dust suppression. At Black Pine and Goldstrike in 2022, our operations returned an estimated 85% of all freshwater withdrawn back to the water table.

At Black Pine, there is only one intermittent stream in the area; otherwise, there are no surface water bodies or fisheries habitats.

At Goldstrike, the East Fork Beaver Dam Wash is the only intermittent stream near the property. To mitigate potential water quality concerns at Goldstrike, our on-site team was instructed to install appropriate sediment barriers – such as certified weed-free straw bale or silt fences – downhill of all drill sites.

Similar practices are being put in place for our Turkish operations, as there are several small streams and springs

located at the base of many of the hills surrounding the TV Tower site in Çanakkale. Best Management Practices (BMPs) for sediment control are maintained across all Liberty Gold sites to further support local water systems, and construction activities initiated during any stage of the mining process are conducted in such a way to avoid all potential springs and seeps.

EM-MM-140a.1 - (1) Total fresh water withdrawn, (2) total fresh water consumed, percentage of each in regions with High or Extremely High Baseline Water Stress

Metric Commentary: In 2022, Liberty Gold used (purchased or withdrawn) a total of 13,949 cubic meters (m³) of fresh water across all three of our exploration sites of which we estimate approximately 11,857 cubic meters (m³) or 85% was returned to ground water. Our two US sites, Black Pine and Goldstrike, are located within low baseline water stress areas, while our offices in Elko, Nevada, and Ankara, Türkiye, are found within high-stress areas. Our TV Tower site and Çanakkale, Türkiye, office is located within extremely high baseline water stress areas. Several water wells left over from previous mining activities at our US sites are used as water sources, and we have acquired additional water rights in an environmentally responsible manner, particularly at Black Pine, consistent with our vision to use existing, permitted water resources wherever possible, to support our operations.

EM-MM-140a.1a - Total fresh water withdrawn

	2021	2022
Thousand cubic meters (m³)	22,200	13,949

EM-MM-140a.1b - Total fresh water consumed

	2021	2022
Thousand cubic meters (m³)	3,330	2,092

EM-MM-140a.1c - Percentage of fresh water withdrawn in regions with High or Extremely High Baseline Water Stress

	2021	2022
Percentage (%)	0.1	0.1

EM-MM-140a.1d - Percentage of fresh water consumed in regions with High or Extremely High Baseline Water Stress

	2021	2022
Percentage (%)	0.1	0.1

EM-MM-140a.2 - Number of incidents of non-compliance associated with water quality permits, standards, and regulations

Metric Commentary: There have been no enforcement actions nor incidents of non-compliance with any water quality permits, standards, or regulations.

EM-MM-140a.2a - Number of incidents of non-compliance associated with water quality permits

	2021	2022
Number	0	0

EM-MM-140a.2b - Number of incidents of non-compliance associated with water quality standards

	2021	2022
Number	0	0

EM-MM-140a.2c - Number of incidents of non-compliance associated with water quality regulations

	2021	2022
Number	0	0

Waste & Hazardous Materials Management

We are dedicated to the transparent operation of our sites and seek to meet industry best-practice at all times, to further play our role as a responsible stakeholder in the management of our local environments.

Liberty Gold does not generate any mine tailings, nor do we maintain any mine tailings facilities, and we remain dedicated to following our development strategy focused on open-pit heap leach operations which avoids the need for tailings facilities.

General refuse associated with drilling operations is generated within our sites in small quantities. Our Board holds on-site leaders accountable for the proper and responsible disposal of all refuse, and under no circumstances does our team leave refuse on-site. Portable toilets are used and serviced during operations and removed at the end of each operating season.

As production activities are not yet occurring, acid rock drainage is not, nor expected to be, a material issue for Liberty Gold at Black Pine or Goldstrike. At both sites, waste rock storage facilities have been closed out and fully rehabilitated in line with historic mining closure requirements. In early 2023 we commenced a geochemical characterization study of the host rocks to the Black Pine oxide gold mineralization as part of the baseline studies

associated with preparing a future submission to the relevant federal agencies to commence the formal mine permitting process under the National Environmental Policy Act ("NEPA").

At TV Tower small scale quartz and iron ore production is being carried out. This work results in no waste production.

EM-MM-150a.1 - Total weight of tailings waste, percentage recycled

Metric Commentary: Liberty Gold did not produce any tailings from mining operations in 2021 or 2022, and there were no tailings impoundments or facilities required during the continuation of exploration activities.

EM-MM-150a.1a - Total weight of tailings waste

	2021	2022
Metric tons (t)	Not Applicable	Not Applicable

EM-MM-150a.1b - Percentage of total weight of tailings waste that is recycled

	2021	2022
Percentage (%)	Not Applicable	Not Applicable

EM-MM-150a.2 - Total weight of mineral processing waste, percentage recycled

Metric Commentary: While we process quartz and iron ore at our TV Tower site in Türkiye, no processing waste is produced. In 2022 we produced a total of 8,500 metric tons of quartz and 31,000 metric tons of iron ore (in 2021: 39,500 metric tons quartz).

EM-MM-150a.2a - Total weight of mineral processing waste

	2021	2022
Metric tons (t)	0	0

EM-MM-150a.2b - Percentage of total weight of mineral processing waste that is recycled

	2021	2022
Percentage (%)	0	0

EM-MM-150a.3 - Number of tailings impoundments, broken down by MSHA hazard potential

Hazard class	Applicable standard	Number (2021 & 2022)	Description
Low	US MSHA Standard	0	No tailing impoundments in place at this time.



Biodiversity Impacts

The development, operation, closure, and remediation of mines can have a range of impacts on biodiversity, such as alterations of landscape, vegetation removal, and impacts on wildlife habitats. We understand our obligations to ensure no harm is done to our local environments. In doing so, Liberty Gold is dedicated to exploring how we may align with the Taskforce on Nature-Related Financial Disclosures once our sites enter production. We actively engage with local regulators as required and are committed to meeting all environmental requirements set by federal and state agencies.

In the United States, our sites are primarily situated on federal public lands and are subject to environmental review under the National Environmental Policy Act (NEPA), which requires environmental assessments for exploration projects. The associated environmental compliance reports are made public by the United States Forest Service (USFS), Bureau of Land Management (BLM), and State governments. Across both the Black Pine site in southern Idaho and our Goldstrike site in Utah, there are no threatened or endangered species present in the project areas. Nevertheless, we coordinate with specialists from the above agencies to protect sensitive species and incorporate all applicable design features stemming from the analysis of ongoing wildlife surveys into our annual work plans submitted to government agencies.

At our TV Tower site in Türkiye, a project-scale terrestrial environmental study took place with the goal of successfully observing and recording the surrounding flora, terrestrial vertebrates, aquatic creatures, and landscapes. Data was generated from aerial inspections and cross-referenced with scientific articles to further support the development of repair and recovery plans. These studies provided data for our Flora Report, Terrestrial Vertebrate Fauna Report, Aquatic Creatures Report, and Landscapes Report, all of which include subsections describing how we continue to pursue our

overarching goal of protecting and conserving local biodiversity on our sites. Our Operations at our TV Tower site further abide by all national strategies as set forth by the Turkish government, as well as those outlined by the United Nations of which Türkiye is a signatory.

EM-MM-160a.1 - Description of environmental management policies and practices for active sites

Our team engages in proactive environmental management practices to ensure that all exploration sites effectively mitigate environmental concerns during the initial phases of our projects. We routinely reclaim drill sites to minimize surface disturbance, and practice concurrent reclamation to ensure that all service and access roads are reseeded and monitored once they are no longer in use. Roads are designed to provide efficient access to target sites with minimal disturbance to the local ecosystem, ensuring that the environmental impacts of our operations are reduced from the very beginning of on-site exploration.

With no proved or probable mineral reserves as of 2021 or 2022 at any site, the percentage of sites with protected conservation status or endangered species habitat is not applicable to Liberty Gold for 2021 or 2022. Our team is proactively engaged with local regulators to ensure any impacts to local habitats from our present operations are evaluated and mitigated as soon as possible.

While there are no threatened or endangered species present at Black Pine, the project area is mapped as a General or Important Habitat Management Area for greater sage-grouse, a Bureau of Land Management and US Forest Service sensitive species. The primary threats to greater sage-grouse habitat include wildfire, invasive species, and anthropogenic development. As a result, the US Forest Service and Bureau of Land Management have implemented various activity restrictions in the Project Area during important spring lekking and winter-feeding seasons. Restrictions on activity include no drilling or ground disturbance in sensitive areas and daily

traffic restrictions during peak hours for greater sage-grouse activity. To further support greater sage-grouse populations, Liberty Gold planted 20,000 sagebrush seedlings in the fall of 2022, as a voluntary compensatory mitigation program to rehabilitate important habitat areas. In 2022 we began development of a comprehensive greater sage grouse mitigation plan, including annual lek counts and detailed habitat mapping. In 2023 we plan to purchase private properties for mitigation and habitat restoration and start a 2-year GPS tagging effort to study the birds' movements in the area.

Since 2021 we have funded a four-year mule deer migration study in conjunction with the Idaho Department of Fish and Game to more accurately understand our impact on the species.

EM-MM-160a.2 - Percentage of mine sites where acid rock drainage is: (1) predicted to occur, (2) actively mitigated, and (3) under treatment or remediation

EM-MM-160a.2a - Percentage of mine sites where acid rock drainage is predicted to occur

	2021	2022
Percentage (%)	0	0

EM-MM-160a.2b - Percentage of mine sites where acid rock drainage is actively mitigated

	2021	2022
Percentage (%)	N/A	N/A

EM-MM-160a.2c - Percentage of mine sites where acid rock drainage is under treatment or remediation

	2021	2022
Percentage (%)	N/A	N/A

EM-MM-160a.3 - Percentage of (1) proved and (2) probable reserves in or near sites with protected conservation status or endangered species habitat

EM-MM-160a.3a - Percentage of proved reserves in or near sites with protected conservation status or endangered species habitat

Grade	Percentage (%)	Description
N/A	N/A	Liberty Gold does not have any proven or probable reserves as of 2022.

EM-MM-160a.3b - Percentage of probable reserves in or near sites with protected conservation status or endangered species habitat

	2021	2022
Percentage (%)	N/A	N/A



Social Material Topics



Security, Human Rights & Rights Of Native Americans

Respect for human rights is a baseline expectation for our organization. At Liberty Gold, we are committed to respecting human rights and the interests, cultures, customs, and values of our people and the communities in which we operate. Building positive and meaningful relationships with Native Americans, based on mutual respect for each other's dignity, cultures, and connection to the land is a fundamental building block of Liberty Gold's community's engagement and interaction strategy. We recognize the need to earn trust and are committed to building relationships based on transparency, integrity and respect.

Due to the nature of our business, we realize that our operations may increase the risk of such violations in territories occupied or claimed by Native Americans or where human rights protections are weak. That is why we have implemented the proper management protocols such as engagement procedures, risk assessments, and due diligence practices to ensure we address any potential human rights or Native American rights issues.

Current Management Practices:

- ◆ Our Code of Business Conduct and Ethics sets our minimum requirements to avoid infringing on people's human rights as well as our business relationships.
- ◆ Our Goldstrike and Black Pine operations are 25km and 95km, respectively, away from the closest reservation. Goldstrike is still in the very early stages of development. Discussions are currently being held regarding the nearest tribe's involvement with Liberty Gold and any critical concerns they may have. Our level of engagement with this tribe can vary from water and access discussions to potential employment and strategic partnerships.

- ◆ Our communication methods with Native Americans include the following processes:
 1. Engage with legal/commercial representatives from the tribe.
 2. Present the projects to the tribal council/elders, leading eventually to a formalized relationship.
 3. Engage with the tribal members directly as requested by elders, for example, at town hall meetings.
 4. Formal consultation through the US Forest Service and Bureau of Land Management process.
- ◆ Our VP of Exploration oversees stakeholder relations, legal and business issues, environmental studies and permitting, and identifying potential water rights for eventual mine use. This lead executive also maintains relationships with counties, municipalities, Native American tribes, and other stakeholders in our projects.
- ◆ For issues where cultural/heritage resources may be impacted, formal consultation with Native American tribes is conducted through the US Forest Service and Bureau of Land Management. These concerns are directly reported to our VP of Exploration and dealt with in an appropriate manner to address their concerns.

We will continue to avoid adverse impacts on the human rights and the rights of Native Americans in the communities in which we operate in. Where avoidance is not feasible, we aim to minimize, mitigate, or compensate for such impacts.

With no proved or probable mineral reserves as of 2021 or 2022 at any site, the percentage of sites in or near areas of conflict or near Native America land metrics are not applicable to Liberty Gold for 2021 or 2022.

EM-MM-210a.1 - Percentage of (1) proved and (2) probable reserves in or near areas of conflict

Metric Commentary: Liberty Gold has had no operations near any areas of conflict in 2021 or 2022.

EM-MM-210a.1a - Percentage of proved reserves in or near areas of conflict

	2021	2022
Percentage (%)	N/A	N/A

EM-MM-210a.1b - Percentage of probable reserves in or near areas of conflict

	2021	2022
Percentage (%)	N/A	N/A

EM-MM-210a.2 - Percentage of (1) proved and (2) probable reserves in or near Native American land

Metric Commentary: None of Liberty Gold's operations are deemed "near" Native American land. Our Goldstrike and Black Pine operations are 25km and 95km away from the closest reservation, respectively.

EM-MM-210a.2a - Percentage of proved reserves in or near Native American land

	2021	2022
Percentage (%)	N/A	N/A

EM-MM-210a.2b - Percentage of probable reserves in or near Native American land

	2021	2022
Percentage (%)	N/A	N/A

Community Relations

As a responsible mineral exploration and development company, we recognize that our success is dependent on maintaining strong relationships with our communities. It is our value to grow hand-in-hand with the communities around us. Therefore, it is important to understand the impact our operations could potentially have and how we can minimize potential conflicts and operational disruptions. Our objective is to listen, understand and respond to stakeholders' concerns and ensure that all voices are heard and integrated into our decision-making processes.

Current Management Practices:

- Due to the stage of our operations, our current stakeholder engagement strategy has been to minimize our footprint and disturbance to the environment and local communities. Our goal is to source and procure locally, as much as we can.

- We have also established a Risk Register to identify, assess and manage risks related to our community relations and their interests.
- We are working with communities to contribute to social infrastructure needs through the development and use of appropriate skills and technologies.
- Our engagement methods primarily consist of direct and periodic face-to-face consultations with community leaders, farmers, stock graziers, village leaders, other local stakeholders, and federal/state regulators.
- We have an active and anonymous communities' grievance mechanism through the corporate Whistle-blower Policy/Hotline, which also serves as a grievance mechanism for all our personnel.
- Our community engagement practices are reported through the monthly operations report to the Board of Directors.

Current Initiatives:

The Liberty Gold Team has been active in the communities surrounding both of our projects in the US as well as the Nevada based office. A few key initiatives to highlight from 2022 include:

- US Office – Elko, Nevada**
 - Friends in Service Helping (FISH) is an organization providing emergency and temporary services to the people of our community. They have shelters, a food bank, showers, a dining room, laundry facility, medical clinic, etc. Liberty Gold has been supporting FISH via monetary donations for several years.
- Elko County & STEM Fair**
 - During 2022 we have also financially assisted Elko's County Fair and STEM Fair to help elementary school science students showcase their projects.
- Goldstrike – Southern Utah**
 - We have partnered with the Southern Utah University's Geology Department and have created a scholarship for one student to attend their field camp. We have also hosted several tours at Goldstrike for the SUU geology department, as well as the Utah Technical University (St. George) geology class.
 - Provided support to the local Rotary Club including participation in their fundraising efforts and meetings.

◆ Black Pine – Southern Idaho/Northern Utah

- At Liberty Gold, we ensure our local communities see the economic value that our operations bring. That is why we make a conscious effort to hire members from the local community. We also have workforce housing and live in these local communities.
- Sponsored the Annual “Cowboy Breakfast” at the Golden Spike Rodeo in Tremonton, Utah.
- Hosted a geology STEM student from the local high School in Malta, Idaho.
- Provided a donation for the High School for a new Sports Facility.
- Engaged with the City and County officials to provide Company information and Project updates

Future Commitments

To further enhance our community engagement processes, as of 2022, our team is currently developing a Stakeholder Engagement and Communication Plan (SECP) for Goldstrike and Black Pine along with a formal stakeholder map. The purpose of the SECP is to systematically engage with stakeholders to effectively assist us in achieving our lifecycle business objectives. The objective is to develop an SECP that will:

- ◆ Create a systematic and sustainable approach that is appropriate for our size and scope
- ◆ Identify, analyze, and prioritize stakeholder engagement actions
- ◆ Ensure resources are used efficiently and effectively
- ◆ Prepare for increasing stakeholder scope and complexity related to project development
- ◆ Hire a local resident to work as a Community Relations Liaison

By the end of 2023, we hope to finalize this SECP along with an initial stakeholder map, high-level action plan, and initial communication plan. Actioning this plan will assist us towards maximizing sustainable, and mutually advantageous relationships with our community partners based on honesty, openness, mutual trust, and involvement.

EM-MM-210b.2 - Number and duration of non-technical delays

Metric Commentary: Liberty Gold has had no project delays or site shutdowns during 2021 or 2022 due to non-technical factors.

EM-MM-210b.2a - Number of non-technical delays

Type of Delays	Number 2021 & 2022
Site shutdown	0
Project delay	0

EM-MM-210b.2b - Duration of non-technical delays

Type of Delays	Number 2021 & 2022
Site shutdown	0
Project delay	0

Labour Relations

At Liberty Gold, we are committed to fostering a healthy workforce culture, with decision-making based on placing people first. This means we establish trust, treat workers fairly, and provide a safe and healthy working conditions. Our culture is focused on creating a positive working environment where each member willingly gives of her or his best and is recognized and respected for their unique contribution.

Due to the nature of our operations, we require a workforce with unique skills and technical expertise. We recognize that all our employees have the right to freedom of association. Based on the current size of our company and our current stages of exploration, all our employees are on salaried contracts and thus no collective bargaining agreements are currently in place.

EM-MM-310a.1 - Percentage of active workforce covered under collective bargaining agreements, broken down by U.S. and foreign employees

EM-MM-310a.1a - Percentage of active U.S. workforce covered under collective bargaining agreements

	2021	2022
Percentage (%)	N/A	N/A

EM-MM-310a.1b - Percentage of active foreign (i.e., non-U.S.) workforce covered under collective bargaining agreements

Domestic	Country	Percentage (%) 2021 & 2022	Description
N	Canada	0	N/A
N	Türkiye	0	N/A



EM-MM-310a.2 - Number and duration of strikes and lockouts

EM-MM-310a.2b - Number of strikes and lockouts

Type of Work Stoppages	Number (2021 and 2022)
Strikes	0
Lockouts	0

EM-MM-310a.2b - Duration of strikes and lockouts

Type of Work Stoppages	Number (2021 and 2022)
Strikes	0
Lockouts	0

EM-MM-310a.2c - Disclosure shall include a description of the root cause for each work stoppage

No work stoppages occurred during the 2021 or 2022 year.

Workforce Health & Safety

Placing people first is our value and workplace health and safety is a priority focus at Liberty Gold. We believe that everyone has the right to a safe workplace. We are committed to ensuring that our team is equipped with the necessary resources, skills, protective equipment and training needed to safely perform their understand and perform their duties safely and efficiently. We comply with all applicable federal and state regulations, as well as full compliance and training with the Occupational Health and Safety Administration (OHSA). None of our US operation sites come under the Mine Safety and Health Administration (MSHA) jurisdiction in 2022. We are continuously improving our health and safety performance across our organization which is led by our Health, Safety, and Sustainability Policy and our Liberty Gold Safety Management System (SMS).

Current Management Practices:

Our Health, Safety, and Sustainability Policy outlines the roles and responsibilities of all our employees and contractors. The policy focuses on leadership, communication, training, and community involvement.

Our SMS focuses on five key areas:

- ◆ **Risk Management** - We take a preventative approach when identifying hazards. All our sites require a daily workplace inspection prior to commencing any work. The foreman will communicate any potential hazards to all impacted employees and inform them of the controls that are in place and the personal protective equipment (PPE) required to perform the job safely.
- ◆ **Incident Management** - All on-the-job injuries, illnesses, or near misses will be reported to the employee's supervisor/foreman and/or safety coordinator as soon as practical after the occurrence. This is then documented in our SMS and the incident will be further investigated to prevent reoccurrence.
- ◆ **Continuous Improvement** - Our Safety Team meets every month to discuss reported incidents, work area inspection results, and establish measures to prevent reoccurrences. These measures come in the form of operational controls and procedures which our Safety Coordinators then execute.
- ◆ **Training** - All employees, including contracted workers, will receive comprehensive health and safety training during their orientation week. All experienced workers receive 8 hours of training (i.e., health & safety refresher) annually in addition to role-specific training from a qualified trainer depending on the required task.
- ◆ **Emergency Preparedness** - Our procedures focus on fire prevention, first aid, evacuation, emergency contacts, and hazard communication to ensure our employees are treated appropriately in the fastest way possible.

In 2022 we conducted a simulated emergency at our Black Pine site to act as a focused training exercise for the field crews to practice first aid, patient recovery and stabilization, EMS call out and field emergency procedures.

While our policies and SMS play a critical role, the people who use them every day play an equally important part. We foster participation at all levels and work together to improve the Health and Safety Program. We expect all team members to be leaders in health and safety by continuously reviewing our Occupational Health & Safety and Crisis Response Manual, actively participating in our training programs, reporting on all potential unsafe hazards, and holding team members accountable through verification and reporting of performance.

In addition, our Health, Safety, and Sustainability Committee will review regularly and report publicly on our progress and ensure our sustainability principles remain relevant to the needs of our stakeholders. The Committee then reports to the Board periodically on incidents, procedures, and policy updates if required. The Board provides adequate oversight to ensure that violations are met with appropriate disciplinary actions.

We believe all incidents that cause harm to our people, property, or the environment are avoidable. Working together we can achieve zero incidents in the workplace—and we will accept nothing less.

EM-MM-320a.1 - (1) MSHA all-incidence rate, (2) fatality rate, (3) near miss frequency rate (NMFR) and (4) average hours of health, safety, and emergency response training for (a) full-time employees and (b) contract employees

Metric Commentary: In 2022, Liberty Gold had only 2 recordable work-related incidents (both Medical Treatments) from employees and contractors for ~120,000 hours worked (2021: 2 injuries recorded). In both years, all incidents were classified as minor; Liberty Gold has not incurred a lost-time injury since 2012, for in excess of 880,000 hours worked.

EM-MM-320a.1a - MSHA All-Incidence Rate for full-time employees (or for non-US, as dictated by domestic regulation)

Applicable Standard	Rate 2021	Rate 2022
MSHA All-Incidence rate	7.63	5.6

EM-MM-320a.1b - MSHA All-Incidence Rate for contract employees (or for non-US, as dictated by domestic regulation)

Applicable Standard	Rate 2021	Rate 2022
MSHA All-Incidence rate	0	0

EM-MM-320a.1c - Fatality Rate for full-time employees

Applicable Standard	Rate 2021	Rate 2022
MSHA Fatality Rate Value	0	0

EM-MM-320a.1d - Fatality Rate for contract employees

Applicable Standard	Rate 2021	Rate 2022
MSHA Fatality Rate Value	0	0

EM-MM-320a.1e - Near Miss Frequency Rate for full-time employees

Applicable Standard	Rate 2021	Rate 2022
US NSC NMFR	0	0

EM-MM-320a.1f - Near Miss Frequency Rate for contract employees

Applicable Standard	Rate 2021	Rate 2022
US NSC NMFR	0	0

EM-MM-320a.1g - Average hours of health, safety, and emergency response training for full-time employees

Applicable Standard	Rate 2021	Rate 2022
Regulation U.S. 29 CFR Part 1910	3.4*	17.0

EM-MM-320a.1h - Average hours of health, safety, and emergency response training for contract employees

Applicable Standard	Rate 2021	Rate 2022
Regulation U.S. 29 CFR Part 1910	1.95*	5.1

*Average hours of training reflect the number of training hours provided / total number of employees or contractors. This includes training events where several workers will attend.



EM-MM-320a.1i - List of training topics not listed under Regulation U.S. 29 CFR Part 1910 (or other equivalent domestic regulations)

List of Safety Training Topics in 2021:

- ◆ Safety Culture
- ◆ Emergency Procedures
- ◆ Travel to and from Site
- ◆ Basic First Aid And CPR
- ◆ CPR Hands on Training
- ◆ Emergency Plan
- ◆ Develop Emergency Response Text for Site Personnel
- ◆ Safety Culture
- ◆ Hazard Recognition
- ◆ Hydration and Heat Emergencies
- ◆ Diesel Fuel – Hazards in Hot Conditions
- ◆ Energy Drinks
- ◆ Continuity Checks
- ◆ Workplace Inspections
- ◆ Hazard Recognition
- ◆ Wildfire Safety
- ◆ Light Vehicle Inspections
- ◆ Reviewed Recent Traffic Fatalities
- ◆ Seat Belts
- ◆ Tire Safety
- ◆ Changing Tires – Hands On
- ◆ Suspended Loads
- ◆ Importance of SOP’s
- ◆ Reviewed – Drill Helper Injury Safety Management System
- ◆ Traffic and Hunting Season
- ◆ Winter Driving (Highway and On Site)
- ◆ Practiced Putting on Chains
- ◆ Fire Extinguishers (Class of Fires, Types of Extinguishers, and Proper use)
- ◆ Inspected Vehicle Tie Rods

List of Safety Training Topics in 2022:

- ◆ Classes of Fire
- ◆ Using a Fire Extinguisher
- ◆ OSHA 10
- ◆ Online First Aid
- ◆ Travel Higher on the Mountain
- ◆ Traveling to and from the Project
- ◆ What Does a Good Trainer Look Like
- ◆ Vehicle Inspections and Emergency Equipment
- ◆ Air Monitoring Caps
- ◆ Online Off-Road Course
- ◆ Off-Road Driving
- ◆ Pre-Ops
- ◆ Flags
- ◆ Flares
- ◆ Heat Related Emergencies
- ◆ First Aid Skills Class #1 & #2
- ◆ Site-wide Emergency Drill
- ◆ Changing Weather Conditions
- ◆ Driving Conditions
- ◆ Injury Review
- ◆ Driving
- ◆ Holiday
- ◆ SMS Draft
- ◆ Safety Expectations
- ◆ Incident Reporting

Employee Diversity & Inclusion

Diversity and inclusion are a value at Liberty Gold. For us, diversity and inclusion mean valuing differences, empowering our people, and ensuring that we maintain a safe working environment. We recognize that having a diverse workforce brings different perspectives and will lead to enhanced corporate performance. That is why we are committed to providing a positive working environment where everyone is treated fairly and with respect. Our approach is guided by the following management practices outlined below.

To further enhance our diversity and inclusion program, in 2022 we developed a Diversity and Inclusion Policy that outlines our goals and the roles and responsibilities for everyone at Liberty Gold to ensure best practices. This policy focuses on equal career development, pay equity, and structured recruitment practices. We want to ensure all our people feel safe and motivated to be the best version of themselves.

Current Management Policies and Programs:

- ◆ Our Board of Director's Diversity Mandate reinforces our belief that better corporate governance is promoted when a board of directors is made up of highly qualified individuals that represent:
 - Diverse backgrounds that reflect the changing population demographics of the markets in which we operate
 - Gender diversity
 - A diverse skill set with relevant expertise
- ◆ We base all employment decisions on the principle of equal employment opportunity. All employees and directors are recruited and promoted based on their abilities and contributions.
- ◆ We have a robust Whistleblowing Policy & Procedure for ethical reporting to notify management when discrimination, harassment, bullying, or other ethical matters arise.

- ◆ Our Code of Ethics Policy is given to each employee upon hire and annually thereafter for review and acknowledgment. Each employee is required to sign the acknowledgment page and submit it to their supervisor.
- ◆ The link to our corporate policies hosted on our website is: <https://libertygold.ca/investors/corporate-governance.html>

Given that our industry has historically been male dominated, we are proud to acknowledge that 33% of our full time employees are women. This metric is the same year-on-year indicating a stable workforce composition for Board, executive and professionals in the company. We will continue to work to improve our representation to create a fair and equal work environment.

FN-AC-330a.1 - Percentage of gender and racial/ethnic group representation for (1) executive management, (2) non-executive management, (3) professionals, and (4) all other employees

2021	Female	Male	Total	Female (%)	Male (%)
Board of Directors	1	6	7	14%	86%
Executive Management	2	4	6	33%	67%
Professionals	6	12	18	33%	67%
All Other Employees	2	24	26	8%	92%
Total	11	46	57	19%	81%

2022	Female	Male	Total	Female (%)	Male (%)
Board of Directors	1	6	7	14%	86%
Executive Management	2	4	6	33%	67%
Professionals	6	12	18	33%	67%
All Other Employees	2	33	35	6%	94%
Total	11	55	66	17%	83%

Note: Racial/ethnic group representation data is currently not available.

Governance Material Topics



Business Ethics & Transparency

We value leading with integrity, trust, transparency & accountability. Integrating ethical governance practices throughout our business is one of our five strategic pillars and we believe this leads to ethical and responsible business practice across the entire organization. All members of Liberty Gold, including every director, officer and employee are expected to read, sign and abide by and uphold the values, practices and behaviours written into our Code of Business Conduct and Ethics (available in the Corporate Governance section at www.libertygold.ca). Additionally, all subsidiaries and affiliates of Liberty Gold are expected to abide by all applicable local anti-bribery and/or anti-corruptions laws. This promotes ethical conduct and fair dealings with all customers, suppliers, and competitors.

From a governance perspective, each Director is expected to serve the corporation in a manner that is reflective of the highest business and ethical standards, as described in Liberty Gold's Director's Code of Ethics. All directors are expected to enhance the reputation of the Corporation in the community, uphold the trust given to them in respect to the Corporation, including, not accepting any payments, gratuity, or other assets in exchange for assisting in obtaining business, not profiting on the acquisition or disposition of corporate property, and not improperly using corporate assets for personal benefit.

Liberty Gold is also proud of its robust Whistleblowing Policy. This policy empowers employees to identify and raise potential issues before they lead to problems, and to seek additional guidance whenever necessary.

We believe business transparency is key to building trust with external stakeholders and keeping our employees engaged. We are required to file or furnish periodic and other reports with certain Canadian regulatory authorities and to make certain public communications.

The Corporation is required by such regulatory authorities to maintain effective "disclosure controls and procedures" so that financial and non-financial information is reported timely and accurately both to its senior management and in any public filings it makes.

EM-MM-510a.1 - Description of the management system for prevention of corruption and bribery throughout the value chain

Liberty Gold is committed to strong ethical and responsible business practices. To prevent corruption and bribery throughout both our company and the value chain, all employees are provided with a copy of our Code of Business Conduct and Ethics which they must read and sign to acknowledge that they have read the code and will act in a manner that is consistent with it. This Code describes forms of bribery and corruption, including conflicts of interest, and outlines basic obligations as well as acceptable and unacceptable behaviour when dealing with suppliers and customers. Our Directors and Senior Financial Officers are provided with a separate Code of Ethics that address risks particular to their role in which they must additionally read and sign.

In addition to our Code of Business Conduct and Ethics, we have implemented a robust Whistleblowing Policy (available in the Corporate Governance section of our website www.libertygold.ca). This policy works as a means for employees or third parties to raise issues of misconduct and ensures that any personnel who reports an issue takes responsible steps to prevent violations of its Code of Business Conduct and Ethics.

Strong internal financial controls including segregation of duties, along with an annual third party review of the internal controls also enable us to identify issues throughout the value chain.

EM-MM-510a.2 - Production in countries that have the 20 lowest rankings in Transparency International's Corruption Perception Index

Metric Commentary: None of our business operations are located in countries posing the highest corruption risks.

	2021	2022
Metric tons saleable (t)	N/A	N/A

Management of the Legal & Regulatory Environment

We are committed to high standards of governance that are consistent with legal and regulatory expectations. Our Board members are responsible for ensuring that the Corporation has the necessary communication and disclosure policies in place to comply with the regulatory requirements in which our business operates in.

EM-EP-530a.1 - Discussion of corporate positions related to government regulations and/or policy proposals that address environmental and social factors affecting the industry

Liberty Gold complies with all legal and regulatory regulations that are applicable to our businesses in the jurisdictions in which we operate. To ensure our business operations are fully compliant with relevant legislation and environmental standards, our team works with external legal counsel and experienced consultants to identify and mitigate both environmental and social risks. Our operations have the necessary control mechanisms and due diligence procedures in place to monitor and address any risks identified that could negatively impact our business or the industry at large.

Critical Incident Risk Management

We are committed to promoting a culture of safety for our employees, the community in which we operate in and society at large. As outlined in our Board Mandate, members of the Board are responsible for approving all strategic plans and monitoring performance against these plans. Additionally, the Health, Safety and Sustainability Committee of the Board has a specific mandate to ensure that management have the proper safety management systems and internal controls in place and functioning to minimize the occurrence and impacts from incidents with potential personal injury, environmental damage and social externalities.

Members of the Board are expected to regularly review policies and procedures to identify any business risks and ensure that the proper risk management systems are in place to monitor any material deficiencies and to prevent or minimize the occurrence of such events from occurring.

In 2022, we completed our updated Crisis Management Plan, which includes detailed information from our environmental assessments. We also updated the Enterprise Risk Management system and began the development of our inaugural Environmental Management System.

EM-EP-540a.1 - Process Safety Event (PSE) rates for Loss of Primary Containment (LOPC) of greater consequence (Tier 1)

Metric Commentary: This disclosure is not material to us as per SASB standards. Our current business operations are focused on exploration, therefore, loss of primary containment (LOPC) or the unplanned release of material from primary containment due to production activities are not consequences that could result from our current business processes and operations.

Rate
N/A

EM-EP-540a.2 - Description of management systems used to identify and mitigate catastrophic and tail-end risks

Protecting the health and safety of our employees, the communities in which we operate in is our number one priority - we place people first and we recognize that we grow hand-in-hand with the communities are around us. That is why in 2022, our management team has developed site-specific Operations Risk Registers to ensure that we have the proper safety management systems and technological controls in place to identify and mitigate the likelihood of such events from occurring.

As part of our Enterprise Risk Management process, our Audit Committee and Health Safety and Sustainability Committee reviews any risks identified and the potential impacts that this could have on our business to ensure that we have the proper controls in place. Our Chief Operating Officer has direct oversight of this process and presents updates to our Audit committee on a semi-annual basis.

In addition to the Risk Register, we have an internal Crisis Management Plan manual that identifies potential crisis scenarios and describes how our business will respond if such an event were to occur. This manual is updated every 3-5 years to ensure that any new, emerging risks are documented and that controls are current.

Appendix A - Activity Metrics



EM-MM-000.A - Production of (1) metal ores and (2) finished metal products

	2021	2022
Metric Commentary	None produced	31,000 Tonnes

EM-MM-000.Aa - Production of metal ores

Type of Ore Mining	Metric tons (t) saleable 2021	Metric tons (t) saleable 2022
Metal Ores	0	31,000 Tonnes

EM-MM-000.Ab - Production of finished metal products

Precious Metals & Minerals	Metric tons (t) saleable 2021	Metric tons (t) saleable 2022
Gold	0	0

EM-MM-000.B - Total number of employees, percentage of contractors

Metric Commentary: In 2022 we have 23 (2021: 21) full-time employees with a further 4 (2021: 5) full-time employees contracted through a third party or independent contractors. The remaining contractors consist of part-time and seasonal workers and their number was calculated based on contractor hours collected from third-party service providers divided by the annual working hours to approximate full-time contractors.

EM-MM-000.Ba - Total number of employees

	2021	2022
Total number of employees	47	59

EM-MM-000.Bb - Percentage of employees who are contractors

	2021	2022
Percentage (%)	55	62

Appendix B - SASB Index



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Topic	Code	Accounting Metric	Page Reference
Greenhouse Gas Emissions	EM-MM-110a.1	Gross global Scope 1 emissions, percentage covered under emissions-limiting regulations	11
	EM-MM-110a.2	Discussion of long-term and short-term strategy or plan to manage Scope 1 emissions, emissions reduction targets, and an analysis of performance against those targets	11
Air Quality	EM-MM-120a.1	Air emissions of the following pollutants: (1) CO, (2) NOx (excluding N2O), (3) SOx, (4) particulate matter (PM10), (5) mercury (Hg), (6) lead (Pb), and (7) volatile organic compounds (VOCs)	13
Energy Management	EM-MM-130a.1	(1) Total energy consumed, (2) percentage grid electricity, (3) percentage renewable	14
Water Management	EM-MM-140a.1	(1) Total fresh water withdrawn, (2) total fresh water consumed, percentage of each in regions with High or Extremely High Baseline Water Stress	15
	EM-MM-140a.2	Number of incidents of non-compliance associated with water quality permits, standards, and regulations	16
Waste & Hazardous Materials Management	EM-MM-150a.1	Total weight of tailings waste, percentage recycled	16
	EM-MM-150a.2	Total weight of mineral processing waste, percentage recycled	16
	EM-MM-150a.3	Number of tailings impoundments, broken down by MSHA hazard potential	16
Biodiversity Impacts	EM-MM-160a.1	Description of environmental management policies and practices for active sites	17
	EM-MM-160a.2	Percentage of mine sites where acid rock drainage is: (1) predicted to occur, (2) actively mitigated, and (3) under treatment or remediation	18
	EM-MM-160a.3	Percentage of (1) proved and (2) probable reserves in or near sites with protected conservation status or endangered species habitat	18
Securities, Human Rights, & Rights of Native Americans	EM-MM-210a.1	Percentage of (1) proven and (2) probable reserves in or near areas of conflict	20
	EM-MM-210a.2	Percentage of (1) proven and (2) probable reserves in or near Native American land	20
	EM-MM-210a.3	Discussion of engagement processes and due diligence practices with respect to human rights, Native American rights, and operation in areas of conflict	19

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Topic	Code	Accounting Metric	Page Reference
Community Relations	EM-MM-210b.1	Discussion of process to manage risks and opportunities associated with community rights and interests	20
	EM-MM-210b.2	Number and duration of non-technical delays	21
Labour Relations	EM-MM-310a.1	Percentage of active workforce covered under collective bargaining agreements, broken down by U.S. and foreign employees	21
	EM-MM-310a.2	Number and duration of strikes and lockouts	22
Workforce Health and Safety	EM-MM-320a.1	(1) MSHA all-incidence rate, (2) fatality rate, (3) near miss frequency rate (NMFR) and (4) average hours of health, safety, and emergency response training for (a) full-time employees and (b) contract employees	23
Employee Diversity & Inclusion	FN-AC-330a.1	Percentage of gender and racial/ethnic group representation for (1) executive management, (2) non-executive management, (3) professionals, and (4) all other employees	25
	FN-AC-330a.1kk	The entity shall describe its policies and programs for fostering equitable employee representation across its global operations.	25
Business Ethics & Transparency	EM-MM-510a.1	Description of the management system for prevention of corruption and bribery throughout the value chain	26
	EM-MM-510a.2	EM-MM-510a.2 - Production in countries that have the 20 lowest rankings in Transparency International's Corruption Perception Index	27
Activity Metrics	EM-MM-000.A	Production of (1) metal ores and (2) finished metal products	28
Activity Metrics	EM-MM-000.B	Total number of employees, percentage contractors	28

Oil & Gas – Exploration & Production

Topic	Code	Accounting Metric	Page Reference
Management of the Legal & Regulatory Framework	EM-EP-530a.1	Discussion of corporate positions related to government regulations and/or policy proposals that address environmental and social factors affecting the industry	27
Critical Incident Risk Management	EM-EP-540a.1	Process Safety Event (PSE) rates for Loss of Primary Containment (LOPC) of greater consequence (Tier 1)	27
	EM-EP-540a.2	Description of management systems used to identify and mitigate catastrophic and tail-end risks	27

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