

Sustainability Accounting Standards Board (SASB) Index

SASB Index		Data	Report Section
Greenhouse Gas Emission			
EM-MM-110a.1	Gross global Scope 1 emissions (t) CO2-e	97,303 (t) CO2-e	Climate Change Performance
	Percentage covered under emissions-limiting regulations (%)	70%	Climate Change Performance
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	<p>Our strategic approach to climate change will be guided by our support for global climate change goals, including the Paris Agreement, influenced by the expectations of our stakeholders and underpinned by a belief that reducing energy and GHG emissions is both good for business and good for the environment.</p> <p>The development of our Company-wide climate change strategy was delayed in 2021 due to internal staff transitions but was restarted again in early 2022. Our objective is to evaluate the changes in our systems, processes and structures to determine ways to mitigate risks that exceed Centerra's risk threshold. Through our work, we will determine the potential and actual emissions reduction pathways, initiatives and actions.</p> <p>In 2022, Centerra will work with both technical and strategy consultants to assess the Company's resilience to climate change under different scenarios to better understand and report on the potential financial and non-financial impacts of climate change. A large component of the 2022 action plan for developing a climate strategy will be to conduct a more thorough and comprehensive review of the Company's climate-related risks, along with prioritization and mitigation planning related to these risks. Plans will also be developed to respond to and/or mitigate these potential risks.</p> <p>In 2022, we will focus on reviewing our governance related to climate change, updating our risk assessments, expanding our emission calculations to include Scope 3 emissions and identifying opportunities to reduce emissions at the two remaining operational assets. Later in 2022 and into 2023, we will be reviewing targets, assessing how climate risks will play out under different future scenarios and completing a quantitative assessment of financial risks due to climate change. From 2021 we started reporting against the recommendations from the Task Force on Climate-related Financial Disclosures and will continue to upgrade our disclosure as per these guidelines as we develop our climate change strategy.</p>	Climate Change Climate Change Strategy
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)	(1) 379.39, (2) 904.04, (3) 3.28, (4) 2,634.4, (5) 0.0022, (6) 4.68, (7) 27.62	Air Quality Air Quality Management

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Energy Management			
EM-MM-130a.1	(1) Total energy consumed, (2) percentage grid electricity and (3) percentage renewable	(1) 2,223,943 GJ, (2) 100%, (3) 0%	Energy Management Leveraging Renewable Energy
Water Management			
EM-MM-140a.1	(1) Total fresh water withdrawn, (2) total fresh water consumed, and (3) percentage of each in regions with High or Extremely High Baseline Water Stress	(1) 5.401 Mm ³ , (2) 4.087 Mm ³ , (3) Mount Milligan 0%, Öksüt 100%	Water Stewardship and Management Water Conservation Initiatives
EM-MM-140a.2	Number of incidents of non-compliance associated with water quality permits, standards and regulations	Zero incidents of water quality (or quantity) non-compliances	Water Stewardship and Management Water Conservation Initiatives
Waste & Hazardous Materials Management			
EM-MM-150a.4	Total weight of non-mineral waste generated	6,162 tonnes	Waste Management
EM-MM-150a.5	Total weight of tailings produced	21,009,951 tonnes	Waste Management
EM-MM-150a.6	Total weight of waste rock generated	36,164,025 tonnes	Waste Management
EM-MM-150a.7	Total weight of hazardous waste generated	724 tonnes	Waste Management
EM-MM-150a.8	Total weight of hazardous waste recycled	485 tonnes	Waste Management
EM-MM-150a.9	Number of significant incidents associated with hazardous materials and waste management	Zero significant incidents with hazardous materials and waste management	Waste Management
EM-MM-150a.10	Description of waste and hazardous materials management policies and procedures for active and inactive operations	<p>All operating sites classify different streams of waste according to criteria and applicable regulations, guidelines and methodologies. This ensures that we maintain strict control of procedures to mitigate any harm to the environment or our employees. All waste materials are handled in a manner that satisfies government regulations.</p> <p>All site-specific management plans and procedures emphasize safety protocols and environmental protection with specific procedures for all stages of material handling: transportation, storage, inventory, training, spill response and spill reporting. Waste segregation and tracking is routinely conducted at all sites and wastes stored on site are securely contained and monitored pending further treatment, transportation and/or disposal. Each operating site has procedures and plans for waste rock, hazardous waste and non-hazardous waste management, with more detailed plans developed as required by applicable regulatory and legal requirements.</p>	Waste Management

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Biodiversity Impacts			
EM-MM-160a.1	Description of environmental management policies and practices for active sites	<p>All operating sites develop biodiversity activities and programs in collaboration with local communities and/or Indigenous groups and biodiversity experts, including botanists and ornithologists. At our sites in British Columbia, we engage with the relevant Indigenous groups to incorporate Traditional Ecological Knowledge into our biodiversity, reclamation and environmental stewardship planning.</p> <p>Each site reviews its Biodiversity Management Plans (BMPs) regularly (every one to five years) to ensure that they continue to reflect the main risks and opportunities of each site. All sites have developed and implemented employee training programs on biodiversity awareness, the management of biodiversity information and data, and procedures for documentation and record keeping, including annual regulatory and stakeholder reporting. The BMPs are developed in accordance with all applicable regulatory and permitting obligations set out by the operating jurisdiction and good international industry practices.</p> <p>Öksüt developed and maintains a BMP that outlines its approach to managing biodiversity risks, including a governance framework, monitoring procedures and KPIs to measure performance. Mount Milligan has stand-alone topic-specific plans that together constitute the main components of a BMP, including a Wildlife Management Plan, Environmental Effects Plan, Fisheries Management Plan, Cultural Heritage Plan, Landscape, Receiving Water Quality, Soil and Vegetation Management Plan, and a Reclamation and Closure Plan.</p> <p>At Öksüt, the BMP exceeds Turkish regulatory requirements and meets European Bank Reconstruction and Development and International Finance Corporation performance requirements. These action plans detail how the site conforms with the mitigation hierarchy specifically to avoid, minimize, mitigate or compensate for adverse impacts on the environment relating to our activities.</p> <p>To ensure the effectiveness of these BMPs, each site has an environmental monitoring program in the surrounding environment to monitor flora and fauna.</p> <p>Mount Milligan developed and started to implement an Invasive Plant Management System to prevent, treat and monitor invasive species during construction, operation, decommissioning, reclamation and post-closure activities. Additionally, biodiversity monitoring is managed by a combination of site teams and external consultants and includes annual wildlife and fish enumeration studies. These studies help us assess effects on the mountain whitefish population in surrounding waterbodies from medium-term operational water withdrawals.</p>	Biodiversity Biodiversity Management
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	(1) 100% at both sites, (2) 100% at both sites, (3) Both sites are not under treatment or remediation	Waste Management Waste Rock

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Biodiversity Impacts			
EM-MM-160a.3	Percentage of (1) proved and (2) probable gold reserves in or near sites with protected conservation status or endangered species habitat	(1) 0%, (2) 0%	Biodiversity Performance
EM-MM-160a.3	Percentage of (1) proved and (2) probable copper reserves in or near sites with protected conservation status or endangered species habitat	(1) 0%, (2) 0%	Biodiversity Performance
Security, Human Rights & Rights of Indigenous Peoples			
EM-MM-210a.1	Percentage of (1) proved and (2) probable reserves in or near areas of conflict	(1) 0%, (2) 0%	Security, Human Rights and Rights of Indigenous Peoples Performance
EM-MM-210a.2	Percentage of (1) proved and (2) probable gold reserves in or near Indigenous land	(1) 100%, (2) 59%	Security, Human Rights and Rights of Indigenous Peoples Performance
EM-MM-210a.2	Percentage of (1) proved and (2) probable copper reserves in or near Indigenous land	(1) 100%, (2) 100%	Security, Human Rights and Rights of Indigenous Peoples Performance
EM-MM-210a.3	Discussion of engagement processes and due diligence practices with respect to human rights, Indigenous rights, and operation in areas of conflict	<p>Our approach to human rights is in alignment with the UN's Universal Declaration of Human Rights, the Voluntary Principles on Security and Human Rights (VPSHRs), and the UN Guiding Principles on Business and Human Rights, starting with internal policy setting and employee training. Centerra is committed to meeting all regulatory labour requirements in the jurisdictions where we operate, as well as the fundamental labour rights set out by the International Labour Organization's Declaration on Fundamental Principles and Rights at Work. Centerra's security practices are aligned to the VPSHRs, the UN Guiding Principles on Business and Human Rights and the articles set forth in the UN's Universal Declaration of Human Rights. Our Employee Code of Ethics sets out expectations for employees around compliance with laws respecting non-discrimination, harassment and ensuring a safe workplace. We work with local Indigenous groups to ensure they have effective representation and input in discussions about our proposed activities with outlined engagement principles.</p> <p>As members of the World Gold Council, we comply with the <i>Conflict-Free Gold Standard</i>.</p>	Security, Human Rights and Rights of Indigenous Peoples Performance

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Community Relations			
EM-MM-210b.1	Discussion of process to manage risks and opportunities associated with community rights and interests	<p>Key community stakeholders and groups are identified through both formal and informal identification and mapping exercises. Stakeholder identification processes may be undertaken at various stages of the operation, including during the environmental and social impact assessment process, development of Community Development Plans and stakeholder engagement strategies, and are re-evaluated on a regular basis throughout the life of mine.</p> <ol style="list-style-type: none"> 1. Proactive Stakeholder Engagement 2. Community-Accessible Feedback and Grievance Mechanisms 3. Protection of Cultural Heritage 4. Social Investment Strategies 	Community Relations
EM-MM-210b.2	Number and duration of non-technical delays	Zero number of non-technical days and zero number of days for project shutdown or delays	Community Relations Community-Accessible Feedback and Grievance Mechanisms
Labour Relations			
EM-MM-310a.1	Percentage of active workforce covered under collective bargaining agreements, broken down by US and foreign employees	Centerra Gold is a Canadian-based company	
EM-MM-310a.2	Number and duration of strikes and lockouts	Zero number of strikes and lockouts	Labour Relations Labour Relations Performance
Workforce Health & 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	<p>Centerra does not currently track MSHA's all-incidence rate. Instead, we track Total Reportable Injury Frequency Rate (TRIFR) using the International Council on Mining & Metals (ICMM) guidelines for alignment.</p> <p>We also track Total Injury Severity Rates (i.e., the rate calculated that takes into account the total number of lost work time, also aligned with the ICMM). We do not average the number of training hours. The number of training hours is the actual number of hours spent on training</p>	Workforce Health and Safety

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Business Ethics & Transparency		
EM-MM-510a.1	<p>Description of the management system for prevention of corruption and bribery throughout the value chain</p> <p>Centerra's Code of Ethics for employees addresses avoidance of conflicts of interest, protection of confidential information, compliance with applicable laws, rules and regulations, and adherence to good disclosure practices, among other items.</p> <p>Our International Business Conduct Policy serves as our anti-corruption policy and sets forth rules, principles and procedures designed to ensure that Centerra and those subject to this policy comply with the requirements of various laws prohibiting corruption and bribery, including the Canadian Corruption of Foreign Public Officials Act and the U.S. Foreign Corrupt Practices Act, as well as other guidelines and standards that comprise best business practices.</p> <p>We provide regular ethics and anti-corruption training to our employees and determine the frequency of this training using a risk-based approach. Generally, we will administer training to a significant majority of employees every three years. We also provide training to key high-risk departments, including government relations, community relations/ sustainability, finance, procurement, legal, and managers of most departments. Every new employee must also go through training as part of their onboarding experience. Training is conducted via numerous platforms including policy reading and formal sign-off, online video training and in-person facilitation.</p>	Governance Business Conduct and Ethics
EM-MM-510a.2	<p>Production in countries that have the 20 lowest rankings in Transparency International's Corruption Perception Index</p> <p>As of 2021, we had no operations or exploration in countries ranked within the 20 lowest by the most recent Corruption Perceptions Index (prepared by Transparency International).</p>	Governance Performance

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Tailings Storage Facilities Management		
EM-MM-540a.1	Tailings storage facility inventory table: (1) facility name, (2) location, (3) ownership status, (4) operational status, (5) construction method, (6) maximum permitted storage capacity, (7) current amount of tailings stored, (8) consequence classification, (9) date of most recent independent technical review, (10) material findings, (11) mitigation measures, (12) site-specific EPRP	See page 29 of the 2021 ESG Report for Tailing Storage Facility Inventory Waste Management Active Management of Tailing Storage Facilities (TSFs)
EM-MM-540a.2	Summary of tailings management systems and governance structure used to monitor and maintain the stability of tailings storage facilities	Across our operations we actively manage five Tailing Storage Facilities (TSFs). One facility is currently active, two are under care and maintenance, one is entering the decommissioning and closure phase, and the final one is in the early stages of full closure. Centerra's TSFs are designed by professional engineers and are constructed, operated and monitored with the advice of an external Engineer of Record (EoR). Centerra implements a five-step framework in accordance with the Canadian Dam Association's Dam Safety Guidelines for mining dams and applicable local regulations at each site. Centerra's Risk Committee of the Board provides oversight of the Company's TSF management. The Risk Committee of Centerra's Board receives updates at least annually on the status of the Company's TSFs and more frequently if changes occur to the TSF risk ratings. Starting in 2021, the Board also directly received a report from the lead member of our Independent Tailings Review Board on the review findings on all TSFs. Centerra's TSFs are managed to maintain structural performance and ensure worker, environmental and public safety. Centerra's TSFs are designed in accordance with all applicable dam safety regulations and requirements. In addition, operation of the TSFs is informed by, and routinely checked against, guidance from the Canadian Dam Association and the International Commission on Large Dams.
EM-MM-540a.3	Approach to development of Emergency Preparedness and Response Plans (EPRPs) for tailings storage facilities	An up-to-date Emergency Response and Preparedness Plan (ERPP) is necessary for the safe operation of the Mount Milligan Mine TSF. In the event of a hazardous condition or incident, a Dam Emergency Situation Report shall be provided to the EoR with a description of locations, extent, rate, effects on adjoining structures, prevailing weather conditions and other pertinent observations such as photographs (or video footage) of damage or condition. Emergency situations are not common occurrences; therefore, training and exercises are necessary to maintain readiness, timeliness and responsiveness. Individuals performing dam safety activities must receive training detailing the facility and its safe operation. This may include understanding the civil structures, control systems, operating procedures, hazards and failure modes.