Air Quality, Noise, & Vibrations

Our Responsibility

We have a responsibility to control our air emissions, maintain good air quality, and manage noise exposure and vibrations associated with our operations, to protect the health and safety of our employees, contractors, local communities, and surrounding habitats.

Our Commitment

Our Safety and Sustainability Policy embeds our commitment to environmental protection, including air quality. Kinross maintains compliance with jurisdictional air quality standards and legislative requirements at all our sites and is committed to conformance with the **World Gold Council's Responsible Gold Mining Principles – Principles 2 and 8,** with respect to air emissions air quality, and noise. Our commitment to and approach to managing our greenhouse gas emissions is outlined in our Management Approach on Climate and Energy and in our annual Climate Report.

Responsible Gold Mining Principles			
2. Understanding our impacts	2.1 Risk Management 2.2 Stakeholder engagement 2.4 Impact Assessment 2.5 Resolving grievances	8. Environmental stewardship	8.1 Managing environmental impacts 8.4 Mercury 8.5 Noise and dust

Our Approach

Kinross manages air emissions and noise exposure at our sites, through operational excellence, project design, innovation, and technology. We have established standards and procedures to identify and mitigate potential impacts associated with air emissions, including fugitive dust, as well as noise and vibrations caused by blasting, mining and transport of ore and waste rock, ore crushing, tailings, stockpiling of rock, and reclamation activities.

In addition to dust generating activities, some of our sites produce point-source stack emissions from on-site facilities such as refineries, heaters, boilers, and laboratories; dependent on the type and nature of the operation. In many cases emission controls from point sources are required. While each Kinross site is different, our corporate management standard for air emissions control is applied universally. All Kinross sites are required to establish and implement an air quality management plan that includes identification of emission sources and application of control measures to manage emissions within the applicable regulatory limits. We track site performance based on their compliance with site specific air quality management plans.

Our standard also requires that opacity for total suspended particulates not exceed 20% for more than six minutes, in alignment with relevant North American legislation (e.g., United States EPA Air Pollution Control Standards), and that procedures to measure opacity be in place. Our employees are trained to visually measure opacity of dust emissions, and to recognize when particulate controls, such as bag houses, water sprays, and treatment of roadways are needed. Where necessary, monitoring systems are put in place to understand the quantity and composition of dust, providing data for reporting to authorities and stakeholders as required.

Each operating site inventories, monitors, and periodically reports on material air emissions, including carbon monoxide, nitrogen oxide (NOx), and sulphur dioxide (SO_2), particulates, as well as a broad range of metals, including mercury, arsenic, lead, nickel, and selenium (as applicable).

We put particular emphasis on managing risks associated with potential mercury emissions from thermal processes associated with refining, carbon regeneration and retorting. Trace amounts of mercury minerals can occur naturally in some types of gold deposits. Mercury is present at our US-based sites and at our La Coipa site, in Chile, and we have best practice mercury controls in place.

Across our sites, hydrocarbon combustion in trucks, heavy equipment, mobile generators, and other power generation sources also contribute to air emissions containing nitrogen oxide and sulphur dioxide. While minimal amounts of ozone depleting substances (ODS) are used at our operations, sites are also required to maintain an ODS inventory, as applicable.

Governance and Accountability

Accountability pertaining to air emissions management and performance resides at the site level. Matters pertaining to air emissions and air quality fall within our Environmental Management System. Functional responsibility for water management resides with the Vice-President, Environment. The Senior Vice-President, Technical Services has management responsibility and sits on the Senior Leadership Team. Board oversight and governance are the responsibility of the Corporate Responsibility and Technical Committee of the Board of Directors.

We report annually on initiatives and performance pertaining to air quality, noise, and vibrations in our annual Sustainability report.

To learn more about our performance pertaining to air quality, see our most recent Sustainability Report.