

HudBay Minerals Inc.



Hudbay is a diversified mining company primarily producing copper concentrate (containing copper, gold and silver) and zinc metal. Hudbay owns three polymetallic mines, four ore concentrators and a zinc production facility in northern Manitoba and Saskatchewan (Canada) and Chumbivilcas (Peru), and copper projects in Arizona and Nevada (United States). The Company's growth strategy is focused on the exploration, development, operation and optimization of properties it already controls, as well as other mineral assets it may acquire that fit its strategic criteria. The Company is governed by the *Canada Business Corporations Act* and its shares are listed under the symbol "HBM" on the Toronto Stock Exchange, New York Stock Exchange and Bolsa de Valores de Lima.

For over 90 years, Hudbay has worked toward the goal of translating responsible mining into positively impacting people's lives, local communities and broader regional economies. Our experience in building strong relationships and making a valuable contribution wherever we do business guides us as we expand our presence in the Americas.

When Hudbay started in 1927, our operations were based in Manitoba and our primary market was North America. Today, our company is international and our market is global.

This report provides internally assessed *Towards Sustainable Mining* (TSM) performance results for both of our current operating business units. The Manitoba Business Unit (MBU) is located in Flin Flon and Snow Lake, Manitoba. Our South American Business Unit (SABU) operation is located in the Chumbivilcas province of Peru.

In 2019, the MBU improved its performance against one protocol, but slipped on another. The Biodiversity Diversity Conservation Management protocol performance improved, while the Aboriginal and Community outreach performance fell back to A level for one indicator. The MBU successfully maintained its rating across all Tailings Management, Safety and Health, Energy Use and Greenhouse Gas Emissions Management and Crisis and Communications Planning indicators. Action was taken to address the requirements contained within the new Water Stewardship protocol.

At the Constanca operation in Peru, level AAA performance was maintained for the community outreach, Biodiversity Conservatoin Management, Tailings Management and Health and Safety protocols. The energy use target was not attained and thus impacted the performance for one indicator within this protocol, although improvements were attained for the other indicators. Improvements were also made to enable a “yes” across all required components of crisis management planning. Action was taken to address the requirements contained within the new Water Stewardship protocol.

Both business units have continued work to ensure alignment with the updated tailings management guide, protocol and table of conformance.

For 2020, Hudbay is anticipating that its TSM performance results will at least be maintained across both operating Business Units. Both locations are also working towards at least an A level performance against the new Water Stewardship protocol.

Several case studies highlighting Hudbay activity related to the TSM protocol subjects can be found in the annual sustainability reports which are available on its website.

For more information, please visit www.hudbayminerals.com.

2019 TSM Results

HudBay Minerals Inc.

Crisis Management and Communications Planning Assessment

FACILITY	CRISIS MANAGEMENT AND COMMUNICATIONS PREPAREDNESS	REVIEW	TRAINING
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FACILITY	CRISIS MANAGEMENT AND COMMUNICATIONS PREPAREDNESS	REVIEW	TRAINING
HudBay Minerals Inc. – Corporate	✓	✓	✓
Constancia (SABU)	✓	✓	✓
Manitoba Business Unit	✓	✓	✓

Results as of: Dec 09, 2020

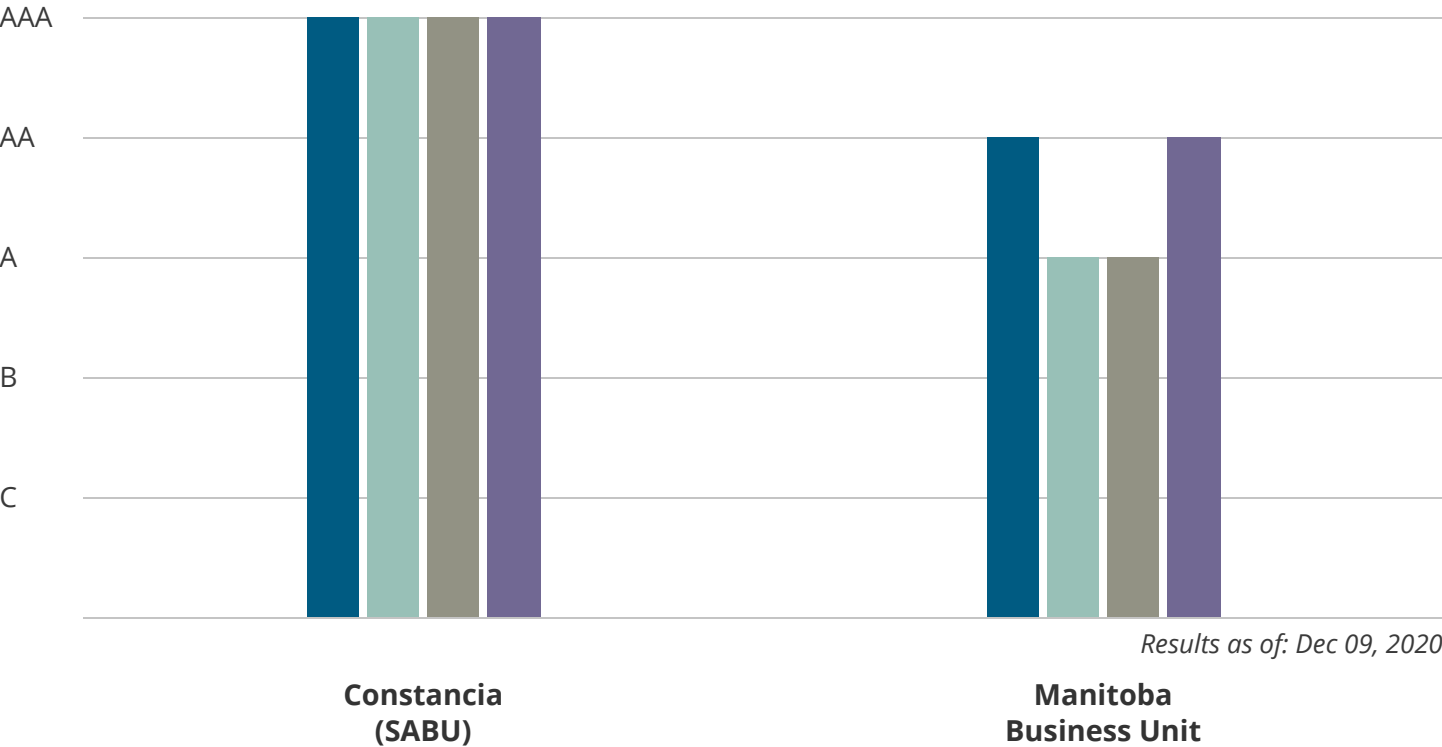
Aboriginal and Community Outreach Assessment

Community of Interest (COI) identification

Effective COI engagement and dialogue

COI response mechanism

Reporting



Results as of: Dec 09, 2020

Safety and Health Assessment

Commitments and accountability

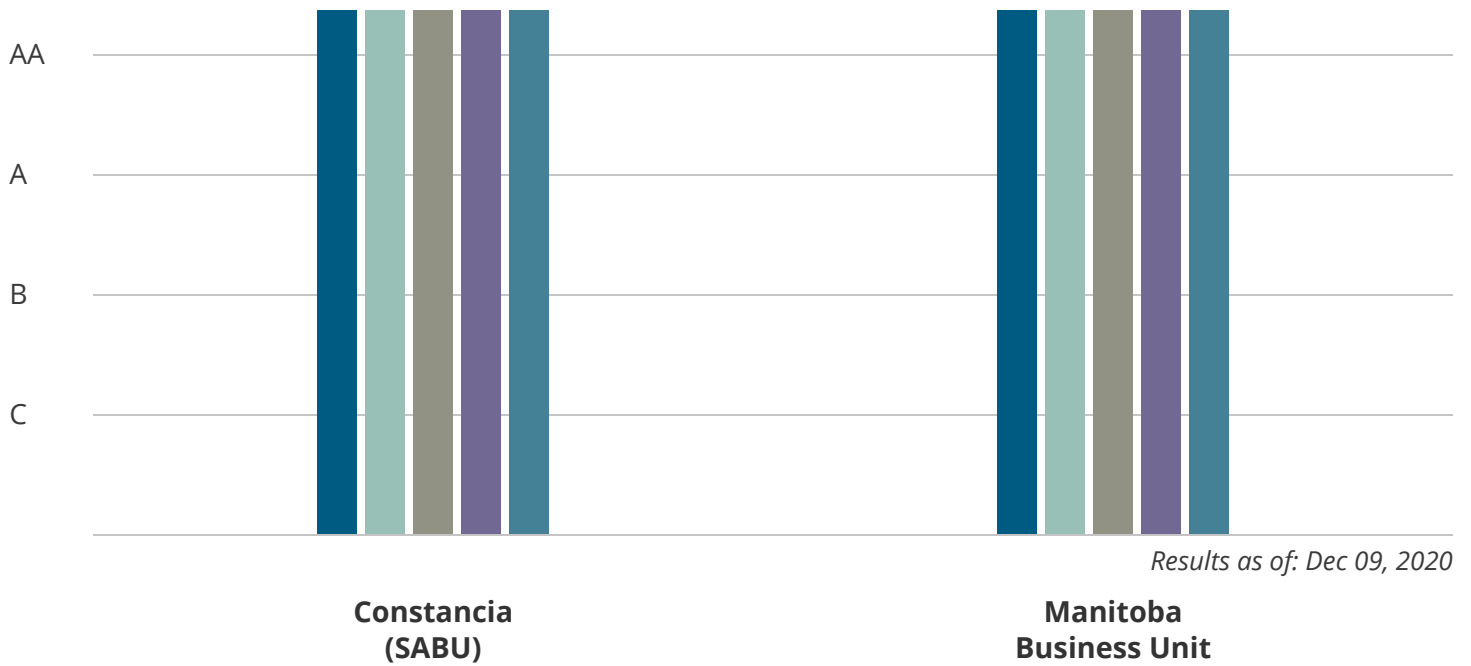
Planning and implementation

Training, behaviour and culture

Monitoring and reporting

Performance

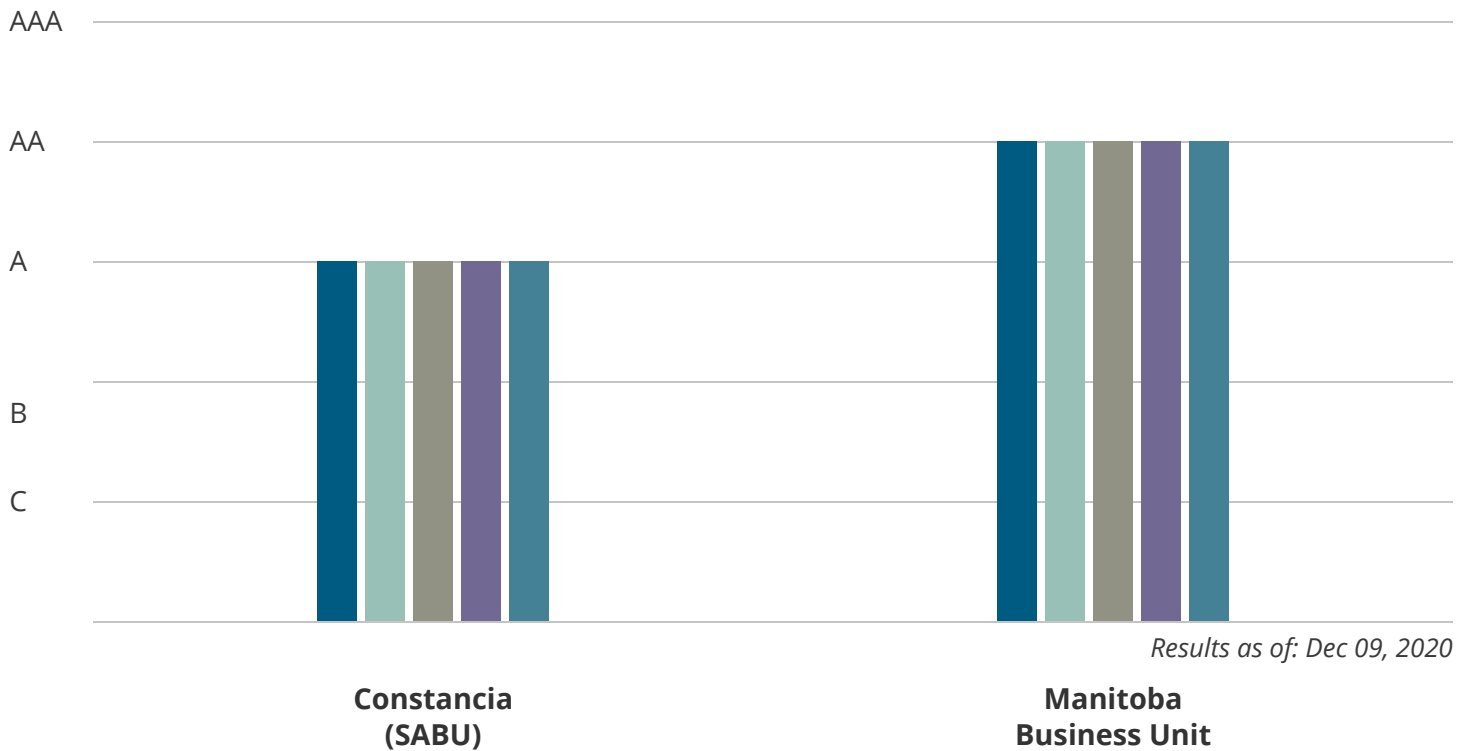




Tailings Management Assessment

Tailings management policy and commitment
 Assigned accountability and responsibility
 Operation, maintenance and surveillance (OMS) manual

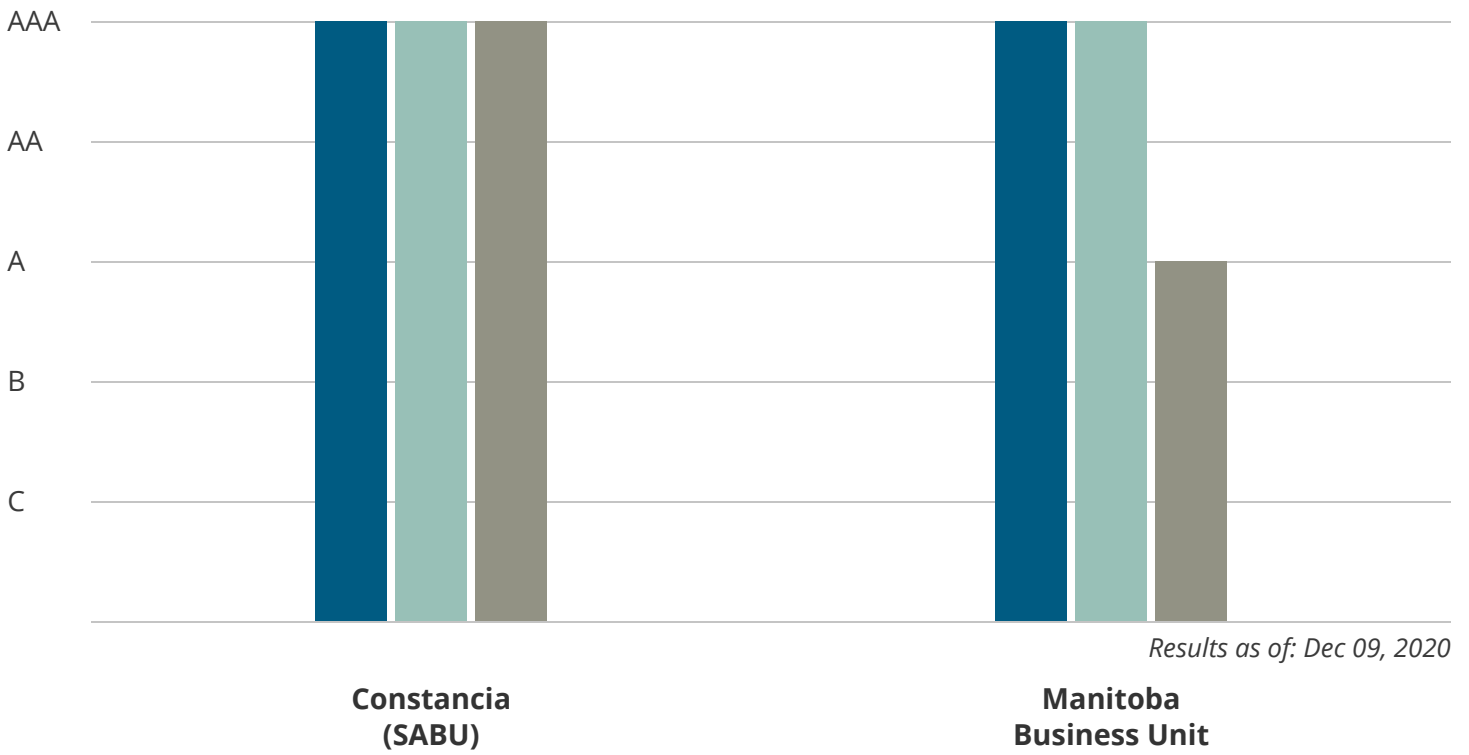
Tailings management system
 Annual tailings management review



Biodiversity Conservation Management Assessment

Commitment, accountability and communications
 Conservation planning and implementation

Reporting

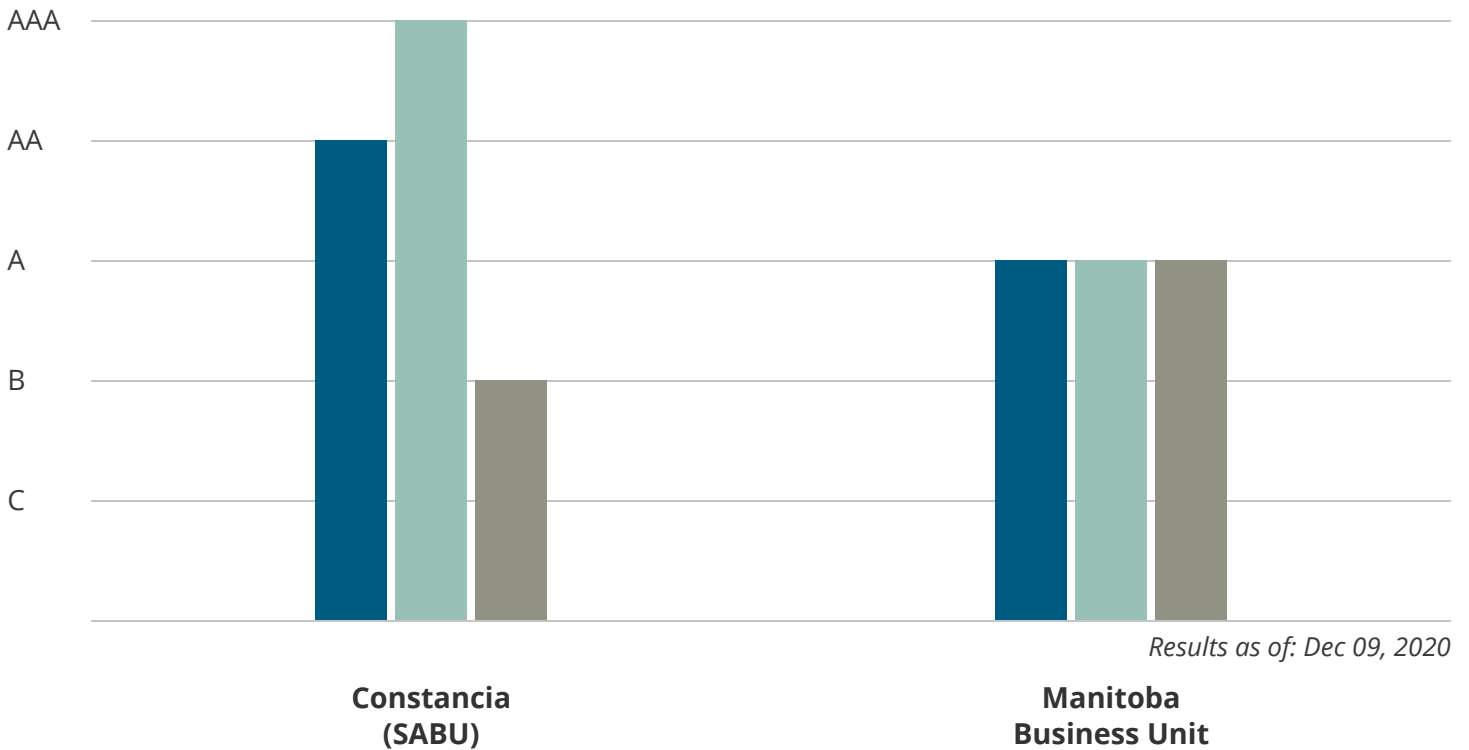


Energy and GHG Emissions Management Assessment

Energy use and greenhouse gas emissions management

Energy use and greenhouse gas emissions reporting systems

Energy and greenhouse gas emissions performance targets



Energy Use & Greenhouse Gas (GHG) Emissions Data

FACILITY	TOTAL DIRECT EMISSIONS (TONNES CO2E)	TOTAL INDIRECT EMISSIONS (TONNES CO2E)	TOTAL EMISSIONS	TOTAL ENERGY USE (GJ)
Constancia (SABU)	109779	398716	508495	4102000
Manitoba Business Unit	53187	3381	56568	4225000

Results as of: Dec 09, 2020

INTERNATIONAL INITIATIVES		
Industry Sustainability Initiatives	ICMM Sustainable Development Framework	
	WGC Conflict Free Gold Standard	
	ISO 14001 - EMS Standard	✓
Management System Standards	OHSAS 18001	✓
	UN Global Compact	
International Voluntary Initiatives	Extractive Industries Transparency Initiative	✓
	Voluntary Principles on Security and Human Rights	✓
	OECD Guidelines for Multinational Enterprises	✓
	AA 1000	
Reporting, Disclosure and Transparency Standards	Global Reporting Initiative	✓
	Carbon Disclosure Project	✓
	Water Disclosure Project	✓
	Carbon Pricing Leadership Coalition	
	IFC Social and Environmental Performance Standards	✓
Financing Standards	Dow Jones Sustainability Index	
Listed on Socially Responsible Investing Indices	Jantzi Social Index	
	Responsible Jewellery	
Industry Sustainability Initiatives	International Cyanide Code	
	Kimberley Process	

Results as of: Jun 26, 2019

Letters of Assurance

[HudBay Minerals Inc. | 2018 | TSM Letter of Assurance](#)

[HudBay Minerals Inc. | 2015 | TSM Letter of Assurance](#)

[HudBay Minerals Inc. | 2012 | TSM Letter of Assurance](#)

[HudBay Minerals Inc. | 2009 | TSM Letter of Assurance](#)

[HudBay Minerals Inc. | 2006 | TSM Letter of Assurance](#)

Other TSM Results

[TSM Results 2019](#)

[TSM Results 2018 \(Externally Verified\)](#)

[TSM Results 2017](#)

[TSM Results 2016](#)

[TSM Results 2015 \(Externally Verified\)](#)

[TSM Results 2014](#)

[TSM Results 2013](#)