

EMPR, ENV, EAO Joint C&E Operational Plan 2017/18

Objective

1. Integrate a risk based approach and coordinate resources across the sector

Strategy

- A. Guide all mining C&E strategic and operational activities based on common risk management framework

Key Actions to support strategy			
Actions	Key Milestones	Lead/contributions	Performance measures
Develop and implement a common risk framework	<p>Explore common and agency specific roles and responsibilities for assessing and managing mining C&E risks</p> <p>Draft risk management framework for agency review</p> <p>Present draft framework for DM Board review</p>	<p>ENV lead</p> <p>EMPR and EAO support</p>	<p>Inter-agency staff workshop held by Q4.¹ 2017</p> <p>Risk framework completed Q1 2018</p>

¹ Q1 = Jan1-Mar31; Q2 – Apr1-Jun30; Q3 – Jul1-Sep30; Q4 – Oct1-Dec31

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1. Integrate a risk based approach and coordinate resources across the sector

Strategy

- B. Effectively coordinate on-the-ground activities for major mines

Key Actions to support strategy			
Actions	Key Milestones	Lead/contributions	Performance measures
Establish and implement a C&E Coordination Committee for major mines	Establish EA Projects C&E Coordination Committee	EMPR, ENV and EAO (committee membership) Secretariat support from EAO	Committee and Terms of Reference established and published Q4 2017
	Coordinate inspections of major mines with EA certificates	EMPR, ENV and EAO (inspection coordination/planning/conduct as necessary)	Coordinated inspections of at least 5 major mines with EA certificates Q1 2018 (Target increases to 10 in 2018/19)
Develop joint Natural Resource Compliance Management Framework (CMF), to guide how ENV, EMPR and EAO work along with other agencies to ensure compliance across BC.	Review ENV Compliance Management Framework with Natural Resource agency compliance leads to determine how to adapt into common guidance	ENV lead EMPR and EAO support	Common Compliance Management Framework drafted Q1 2018

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1. Integrate a risk based approach and coordinate resources across the sector

Strategy

- C. Optimize human and financial resources to most effectively protect the environment, human health and public safety

Key Actions to support strategy			
Actions	Key Milestones	Lead/contributions	Performance measures
Produce an annual Mining C&E Operational Plan with set actions, key milestones and performances measures that align with the Mining C&E Strategic Plan.	Draft of annual Mining C&E Operational Plan	EMPR, ENV and EAO	Mining C&E Operational plan published Q4 2017

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Objective

2. Increase confidence in how government manages mining across the province

Strategy

A. Ensure mining C&E activities are transparent and open to the public

Key Actions to support strategy			
Actions	Key Milestones	Lead/contributions	Performance measures
Develop a public information website for major mines in BC	Develop website (beta)	EMPR lead EAO, ENV support Technical support from Information Management Branch and Natural Resource Transformation Secretariat	Website operational with information from 15 major mines publically available Q1 2017 BC Mine Information Website
	Enhance website - increase functionality and expand information available on mines in BC	EMPR lead EAO, ENV support Technical support from Information Management Branch and Natural Resource Transformation Secretariat	Develop through ongoing continuous improvement and enhancements Launch Q1, 2018

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Objective

2. Increase confidence in how government manages mining across the province

Strategy

B. Formalize risk management approach to potential mine reclamation liabilities

Key Actions to support strategy			
Actions	Key Milestones	Lead/contributions	Performance measures
Update reclamation security policy considering best practices in BC and other jurisdictions	Undertake independent review of BC and other jurisdictions' reclamation securities practices	Contracted resources (Stantec, Ernst and Young)	Independent reviews complete and published Q1 2017 Stantec report Ernst and Young report

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Objective

2. Increase confidence in how government manages mining across the province

Strategy

C. Explore use of a dedicated investigative unit

Key Actions to support strategy			
Actions	Key Milestones	Lead/contributions	Performance measures
Undertake assessment of EMPR's current investigative framework to determine need and options for a dedicated investigative unit	Hire investigators (on a temporary basis) to provide capacity to ongoing investigations and review investigative program	EMPR lead ENV support	Staff in place at EMPR Q3 2017
	Explore options for dedicated investigative unit	EMPR lead	Establish dedicated investigative unit Q1 2018

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Objective

3. Strengthen linkages between mining C&E and First Nations

Strategy

A. Increase opportunities for First Nations to engage during mining authorization

Key Actions to support strategy			
Actions	Key Milestones	Lead/contributions	Performance measures
Expand use of collaboration plans (agreements) with First Nations during environmental assessments and permitting processes	Offer to meet with government regulatory agencies and First Nations post authorization process to review the effectiveness of collaboration plans Consider lessons learned related to C&E in future agreements or amendments	EMPR and EAO	Conduct review meetings post authorization to obtain feedback for future consideration Q1 2018 onwards

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Objective

3. Strengthen linkages between mining C&E and First Nations

Strategy

B. Increase opportunities for First Nations to participate in compliance oversight of mines in B.C

Key Actions to support strategy			
Actions	Key Milestones	Lead/contributions	Performance measures
Develop and offer opportunities for First Nations to participate in compliance oversight of mines	Provide opportunities to First Nations to participate in inspections through the NRS Aboriginal Liaison Program and other initiatives	EMPR/ENV/EAO	5 inspections of mines include participation by First Nations Q1 2018
	Support participation by First Nations in mining C&E through training and field mentoring	EMPR/ENV/EAO	Deliver at least one training session for First Nations to participate in mining compliance verification Q1 2018

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Objective

4. Promote compliance with regulatory requirements

Strategy

A. Ensure conditions of authorizations are clear, enforceable and complementary

Key Actions to support strategy			
Actions	Key Milestones	Lead/contributions	Performance measures
Establish common principles for drafting enforceable conditions	Establish common principles for drafting enforceable conditions	ENV EMPR, EAO support	Principles adopted Q1 2018
	New and amended permits written with enforceable conditions	EMPR/ENV/EAO	As permits issued/amended - ongoing

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Objective

4. Promote compliance with regulatory requirements

Strategy

B. Work with industry to determine needs for targeted compliance education and encourage best practices

Key Actions to support strategy			
Actions	Key Milestones	Lead/contributions	Performance measures
Conduct outreach to determine focus for mining guidance and education needs	Document all current mining C&E promotion practices & establish joint calendar	EAO lead ENV, EMPR support	Calendar produced Q1 2018
	Engage industry associations to prioritize education needs	EMPR ENV and EAO support	Host meeting with industry associations to assess priority needs and define future engagement opportunities Q1 2018

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Objective

4. Promote compliance with regulatory requirements

Strategy

C. Increase compliance through education and awareness

Key Actions to support strategy			
Actions	Key Milestones	Lead/contributions	Performance measures
Develop and implement with industry a proponent early education program	Conduct coordinated post EAC issuance meeting with certificate holder to review EAC requirements	EAO lead, EMPR & ENV support (permitting/authorizing agency) Program coordinated by EAO through Major Projects Coordination Committee	EACs issued for major mines followed by coordinated meeting within 90 days of issuance – beginning Q1 2018

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Objective

5. Enhance policy, tools and training to support a comprehensive C&E program

Strategy

A. Provide inspectors with additional C&E tools to address non-compliance

Key Actions to support strategy			
Actions	Key Milestones	Lead/contributions	Performance measures
Develop and implement Administrative Monetary Penalties under the <i>Mines Act</i> as an additional enforcement tool for responding to non-compliance	Enable administrative monetary penalty program through enactment of Administrative Penalties (Mines) Regulation	EMPR lead	Regulation enacted and in force Q1 2017 AP (Mines) Regulation
	Conduct staff training	EMPR lead ENV support	Circulation of administrative monetary penalty training materials to EMPR staff Q4 2017 and deliver additional training Q1 2018
	Conduct additional industry outreach (mine managers)	EMPR lead	Outreach to mine managers on program implementation Q1 2018

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Objective

5. Enhance policy, tools and training to support a comprehensive C&E program

Strategy

B. Explore opportunities where new technologies may be used to strengthen industry compliance

Key Actions to support strategy			
Actions	Key Milestones	Lead/contributions	Performance measures
Develop and pilot the use of new information management technology for proponent compliance reporting	Pilot new technology that automatically scans industry reported data for non-compliances	ENV lead	Pilot report complete including consideration of applicability to EMPR and EAO Q1 2018
	Implement use of Natural Resource Inspection System	EMPR lead	In use (piloting) Q1 2018

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Objective

5. Enhance policy, tools and training to support a comprehensive C&E program

Strategy

C. Strengthen training for mining inspectors

Key Actions to support strategy			
Actions	Key Milestones	Lead/contributions	Performance measures
Enhance cross-agency mining inspector training opportunities	Develop coordinated training plan	EMPR lead ENV/EAO support	Plan developed in Q1 2018
	Develop training opportunities calendar	EMPR lead	Calendar in place and populated Q4 2017
	Support cross training with other agencies (EMPR, ENV, EAO)	EMPR/ENV/EAO	5 cross-training opportunities per year, reported in the annual report – starting in 2018