



HD Mining International Ltd.

MURRAY RIVER COAL PROJECT

Accidents and Malfunctions Communication Plan

Version: 1 rev 1

September 25, 2024

DOCUMENT APPROVALS AND CONTROL

APPROVALS

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Section 1.24 of the Decision Statement (DS) states:

Qualified individual means someone who, through education, experience and knowledge relevant to a particular matter, may be relied on by the Proponent to provide advice within his or her area of expertise. Knowledge relevant to a particular matter may include community and Indigenous traditional knowledge.

AUTHORSHIP

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This Communication Plan was prepared by a qualified individual/qualified professional (QP) who has suitable education, experience, accreditation, and knowledge that is applicable and may reasonably be relied on to provide advice within their area of expertise. The individual is registered and in good standing with a professional organization in British Columbia governed under an enactment.

Jason Collier, BSc, PAg
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1 INTRODUCTION

HD Mining International Ltd. (HD Mining) is the owner and proponent of the Murray River Coal Project (Project), a proposed underground metallurgical coal mine in northeast British Columbia (BC). The Project is in the Peace River Regional District, centred at 54°56'59"-55°09'59" N, 121°54'03"-121°18'07" E (**Figure A-1 in Appendix A**) and is within the District of Tumbler Ridge Official Community Plan. The Project is accessed from Highway 52 (Heritage Highway), at kilometre (KM) 10.2 of the Kinuseo Falls Road (Murray River Forest Service Road).

The Project will produce approximately 6 million tonnes of metallurgical coal per year over 31 years. After a 5-year construction phase, the mine will operate for 25 years. The decommissioning phase includes an approximately 3-year closure phase and 6-year post closure monitoring program.

The Project received Environmental Assessment Certificate #M15-03 (EAC #M15-03) on October 1, 2015 under the 2002 *Environmental Assessment Act* and an Environmental Assessment Decision Statement (DS) on December 13, 2017 under the *Canadian Environmental Assessment Act, 2012*, approving the Project with conditions. The EAC #M15-03 was amended on March 23, 2018, and the expiry date was extended to October 1, 2025 on July 14, 2020 (British Columbia Environmental Assessment Office [BC EAO] 2015, 2020; Canadian Environmental Assessment Agency [CEAA] 2017).

This Accidents and Malfunctions Communication Plan (AMCP) is a requirement of DS Condition 10.5 and will be implemented during all phases of the Project. Other conditions related to the AMCP are found in **Appendix B Concordance Table for the Decision Statement**.

Pursuant to Condition 10.5, HD Mining shall:

"10.5 Develop, prior to construction, a communication plan in consultation with Indigenous groups. The Proponent shall implement and maintain the communication plan up to date during all phases of the Designated Project. The plan shall include:

10.5.1 the types of accidents and malfunctions requiring the Proponent to notify each Indigenous group;

10.5.2 the manner by which each Indigenous group shall be notified by the Proponent of an accident or malfunction and of any opportunities for the Indigenous groups to assist in the response to the accident or malfunction; and

10.5.3 the contact information of the representatives of the Proponent that the Indigenous groups may contact and of the representatives of each Indigenous group to which the Proponent provides notification."

2 PURPOSE AND OBJECTIVES

The purpose of the AMCP is to identify how HD Mining will notify Indigenous groups, and other groups, should an accident or malfunction occur in relation to the Project.

The objectives of the AMCP are to:

- identify to types of potential accidents and malfunctions that require notifications to Indigenous groups;
- outline the timelines and processes that will be used to provide the notifications, the information that will be included, and the opportunities for Indigenous groups to assist in the response to the accident or malfunction;
- provide contact information for representatives of HD Mining and each Indigenous group; and,
- describe record keeping approach and reporting requirements.

The AMCP, and any amendments, will be implemented throughout all phases of the Project.

2.1 EXCLUSIONS

Accidents or malfunctions involving medical emergencies related to the health, safety, and well-being of workers and Project personnel that are not likely to cause environmental effects are not addressed in the AMCP. This type of emergency is addressed in the Mine Emergency Response Plan or safety-related management plans.

2.2 BACKGROUND

A risk assessment was conducted for the Project's Environmental Impact Statement (EIS) (HD Mining 2014). The risk assessment identified potential accidents and malfunction scenarios that may occur during the life of the Project. The scenarios were developed from an analysis of historical events associated with mines, the Project design, and professional judgement.

Risk is derived from the product of probability and consequences. Probability is based on an assessment of the likelihood and frequency of events based on past experience and professional judgment (**Table 2-1**). The severity of the consequences is based on the description of hazards to Valued Components (VC) developed from the analysis of interactions, mitigation, and management measures, and the characteristics of the VC

(Table 2-2). For scenarios with effects on multiple VCs, the most severe effect was used to establish the severity of the consequences. Probability and consequences are combined in a risk matrix to establish risk categories ranging from **Very Low** to **Extreme** (Table 2-3). Risks in the highest category are considered non-routine and would receive additional planning, employee training, and management scrutiny, as appropriate.

Table 2-1. Categories of Consequences Likelihood

Likelihood	Likelihood of Occurrence for Environmental Consequences (events/years)
Not Likely (NL)	<0.1% chance of occurrence; 1:1000 years
Low (L)	0.1 – 1% chance of occurrence; 1:1000 – 1:100 years
Moderate (M)	1 – 10% chance of occurrence; 1:100 – 1:10 years
High (H)	10 – 50% chance of occurrence; 1:2 – 1:10 years
Expected (E)	>50% chance of occurrence; >1:2 years

Notes: <=less than; >=greater than; %=percent

Table 2-2. Categories of Consequence Severity

Name	Definition
Extreme	Catastrophic, irreversible impact on VC
High	Significant, irreversible impact on VC
Moderate	Significant, reversible impact on VC
Low	Minor, reversible impact on VC
Negligible	No measurable impact

Table 2-3. Risk Matrix

Consequence Severity	Consequence Likelihood				Expected
	Not Likely	Low	Moderate	High	
Extreme	Moderate	Moderately High	High	Very High	Critical
High	Moderately Low	Moderate	Moderately High	High	Very High
Moderate	Low	Moderately Low	Moderate	Moderately High	High
Low	Very Low	Low	Moderately Low	Moderate	Moderately High
Negligible	Negligible	Very Low	Low	Moderately Low	Moderate

Table 2-4 presents the Project-related accident and malfunctions scenarios that may occur in relation to the Project, and the associated risk score, as presented in the EIS. Also presented are the following:

- Project designs measures that will reduce or eliminate the potential for the accidents and malfunctions to occur;
- management plans that will be implemented should the scenario occur;
- initial response measures following an accident or malfunction; and,
- process to restore the environment to pre-incident state.

Table 2-4. Description of Possible Accidents and Malfunctions Scenarios with Summary of Risk, Mitigation and Response

Scenario	Description	Likelihood	Severity	Risk	Mitigation		Emergency Response	Clean-up and Restoration
					Design Measures	Management Plans		
1. Effluent from treatment plants	Discharge of off-specification effluent from water and sewage treatment systems into the Murray River.	High	Low	Moderate	<ul style="list-style-type: none"> • Treatment systems designed with sufficient capacity for influence volumes and quality. • All sedimentation ponds and retaining structures built to contain maximum effluent volumes. • Routine inspection and monitoring of effluent quality and infrastructure. • Redundancy and back-up power supplies. 	<ul style="list-style-type: none"> • Waste Management Plan • Metal Leaching and Acid Rock Drainage Management Plan 	<ul style="list-style-type: none"> • Notify supervisors, Independent Environmental Monitor (IEM), and management. • Engage emergency response team if necessary. • Halt discharges. • Immediate assessment of potential effects to environment, health, and safety. • Notification of regulatory agencies where required. 	<p>If substantial changes to the channel, banks, or ground cover occur, then:</p> <ul style="list-style-type: none"> • Stabilize disturbed areas. • Removal of material encroaching into the watercourse, if warranted. • Installation of erosion and sediment control measures.
2. Failure of Coarse Coal Reject (CCR) pile	Failure of stability or seepage control measures of the CCR piles. Failure results in release of CCR and fine coal rejects (FCR) into creeks M19, M19A, M17B and M17 Creek and the Murray River.	Low	Moderate	Moderately Low	<ul style="list-style-type: none"> • Designed for a “design earthquake”. • Designed for a minimal acceptable factor of safety under static conditions of 1.3 for short-term operating conditions and 1.5 after Decommissioning. • Progressive reclamation where possible. 	<ul style="list-style-type: none"> • Waste Management Plan 	<ul style="list-style-type: none"> • Notify supervisors, IEM, and management. • Engage emergency response team if necessary. • Halt failure. • Immediate assessment of potential effects to environment, health, and safety. 	<ul style="list-style-type: none"> • Clean-up of debris from failure and return to CCR pile. • Re-contour pile in area of failure. • Restore damaged water management infrastructure around the CCR pile. • Review geotechnical stability of pile and

Scenario	Description	Likelihood	Severity	Risk	Mitigation		Emergency Response	Clean-up and Restoration
					Design Measures	Management Plans		
							<ul style="list-style-type: none"> Notification of regulatory agencies where required. 	design adjustments as appropriate.
3. Failure of underground mine stability	Failure or collapse of a mine face or along a mainline tunnel.	No environmental effects to Project VCs. Therefore, no risk assessment conducted. However, will be treated as a Moderate Level Severity for notification purposes.			--	--	--	--
4. Failure of water diversion channels	Failure of water management infrastructure used to divert non-contact water into existing drainage networks. Failure may result in unanticipated increases in site contact water volumes or unplanned flow of runoff overland into Murray River.	Not Likely	Moderate	Low	<ul style="list-style-type: none"> Water management infrastructure designed to accommodate high runoff periods. Installation of soil erosion and sediment control measures. Routine inspection and maintenance of infrastructure. 	<ul style="list-style-type: none"> Soil Erosion and Sediment Control Plan 	<ul style="list-style-type: none"> Notify supervisors, IEM, and management. Engage emergency response team if necessary. Immediate assessment of potential effects to environment, health, and safety. Notification of regulatory agencies where required. 	<ul style="list-style-type: none"> Restoration of water management infrastructure with on-site equipment and personnel. Installation of further water management and erosion control measures, as appropriate. Re-vegetation and restoration of any affected terrestrial or riparian habitat, if necessary.
5. Fires or explosions – surface	Fire or explosion on-site, with the potential for regional-scale forest fire.	Not Likely	Moderate or greater	Moderate (conservative approach using Extreme Severity)	<ul style="list-style-type: none"> Non-vegetated buffer. Policies restricting possible ignition sources and accelerants. Fire monitoring systems. 	<ul style="list-style-type: none"> Mine Emergency Response Plan 	<ul style="list-style-type: none"> Notify supervisors, IEM and management. Engage emergency response team if necessary. Immediate assessment of potential effects to 	<ul style="list-style-type: none"> Clean-up and disposal of damaged materials and infrastructure. Restoration of infrastructure, vegetation.

Scenario	Description	Likelihood	Severity	Risk	Mitigation		Emergency Response	Clean-up and Restoration
					Design Measures	Management Plans		
							environment, health, and safety. • Notification of regulatory agencies.	
6. Fires or explosions - underground	Fire or explosion contained to the underground environment.	As no moderate environmental effects were predicted for this scenario, no risk assessment was performed. However, will be treated as a Moderate Severity for notification purposes.			<ul style="list-style-type: none"> • Fire prevention and suppression measures. • Policies restricting possible ignition sources and accelerants. • Fire monitoring system. 	<ul style="list-style-type: none"> • Mine Emergency Response Plan 	<ul style="list-style-type: none"> • Notify supervisors and management. • Engage emergency response team if necessary. • Immediate assessment of potential effects to environment, health, and safety. • Notification of regulatory agencies 	<ul style="list-style-type: none"> • Clean up and repair damaged areas underground. • Review geotechnical safety.
7a. Fuel spill (into water)	Spill of a truck-load of fuel into Murray River.	Not Likely	Moderate	Low	<ul style="list-style-type: none"> • Design, construct, and maintain Project site and access roads for safe use. • Prevent roads from becoming wildlife attractants. • Ensure users adhere to standards, including speed limits. • Regular inspection and maintenance of roads and vehicles. • Training for safe driving and emergency response. 	<ul style="list-style-type: none"> • Traffic and Site Access Management Plan • Mine Emergency Response Plan 	<ul style="list-style-type: none"> • Notify supervisors, IEM, and management. • Engage emergency response team if necessary. • Immediate assessment of potential effects to environment, health, and safety. • Notification of regulatory agencies where required. 	<ul style="list-style-type: none"> • Contain and recover spilled material, using berms, sumps, diversions, vacuum trucks, absorbents, or booms when necessary and feasible. • Divert water around spill. • Recover and dispose of any contaminated media (e.g., soil, fill, or vegetation). • Restoration of any disturbed ground

Scenario	Description	Likelihood	Severity	Risk	Mitigation		Emergency Response	Clean-up and Restoration
					Design Measures	Management Plans		
								cover, including implementation of erosion control and terrain stability measures.
7b. Fuel spill (onto land)	Spill of truck-load of fuel along transport route.	Low	Moderate	Moderately Low	<ul style="list-style-type: none"> • Design, construct and maintain Project site and access roads for safe use. • Prevent roads from becoming wildlife attractants. • Ensure users adhere to standards, including speed limits. • Regular inspection and maintenance of roads and vehicles. • Training for safe driving and emergency response. 	<ul style="list-style-type: none"> • Traffic and Site Access Management Plan • Mine Emergency Response Plan 	<ul style="list-style-type: none"> • Notify supervisors, IEM, and management. • Engage emergency response team if necessary. • Immediate assessment of potential effects to environment, health, and safety. • Notification of regulatory agencies where required. 	<ul style="list-style-type: none"> • Contain and recover spilled material, using berms, sumps, diversions, vacuum trucks, absorbents, or booms when necessary and feasible. • Divert water around spill. • Recover and dispose of any contaminated media (e.g., soil, fill, or vegetation). • Restoration of any disturbed ground cover, including implementation of erosion control and terrain stability measures.
8a. Hazardous material spill (into water)	Spill of truck-load of hazardous material into Flatbed Creek.	Not Likely	Moderate	Low	<ul style="list-style-type: none"> • Design, construct and maintain Project site and access roads for safe use. • Prevent roads from becoming wildlife attractants. 	<ul style="list-style-type: none"> • Traffic and Site Access Management Plan 	<ul style="list-style-type: none"> • Notify supervisors, IEM, and management. • Engage emergency response team if necessary. 	<ul style="list-style-type: none"> • Contain and recover spilled material, using berms, sumps, diversions, vacuum trucks, absorbents, or

Scenario	Description	Likelihood	Severity	Risk	Mitigation		Emergency Response	Clean-up and Restoration
					Design Measures	Management Plans		
					<ul style="list-style-type: none"> • Ensure users adhere to standards, including speed limits. • Regular inspection and maintenance of roads and vehicles. • Training for safe driving and emergency response. 	<ul style="list-style-type: none"> • Mine Emergency Response Plan 	<ul style="list-style-type: none"> • Immediate assessment of potential effects to environment, health, and safety. • Notification of regulatory agencies where required. 	booms when necessary and feasible. <ul style="list-style-type: none"> • Divert water around spill. • Recover and dispose of any contaminated media (e.g., soil, fill, or vegetation). • Restoration of any disturbed ground cover, including implementation of erosion control and terrain stability measures.
8b. Hazardous material spill (onto land)	Spill of truck-load of aluminum chloride along transport route.	Low	Moderate	Moderately Low	<ul style="list-style-type: none"> • Design, construct and maintain Project site and access roads for safe use. • Prevent roads from becoming wildlife attractants. • Ensure users adhere to standards, including speed limits. • Regular inspection and maintenance of roads and vehicles. • Training for safe driving and emergency response. 	<ul style="list-style-type: none"> • Traffic and Site Access Management Plan • Mine Emergency Response Plan 	Notify supervisors, IEM, and management. <ul style="list-style-type: none"> • Engage emergency response team if necessary. • Immediate assessment of potential effects to environment, health, and safety. • Notification of regulatory agencies where required. 	<ul style="list-style-type: none"> • Contain and recover spilled material, using berms, sumps, diversions, vacuum trucks, absorbents, or booms when necessary and feasible. • Divert water around spill. • Recover and dispose of any contaminated media (e.g., soil, fill, or vegetation). • Restoration of any disturbed ground cover, including

Scenario	Description	Likelihood	Severity	Risk	Mitigation		Emergency Response	Clean-up and Restoration
					Design Measures	Management Plans		
								implementation of erosion control and terrain stability measures.
9. Unintended leakage from containment ponds	Failure of the containment structure for a settling pond, which would lead to the sudden release of the entire pond contents to the nearby Murray River.	Not Likely	Moderate	Low	<ul style="list-style-type: none"> Design, construct, and maintain Project containment ponds to contain high precipitation scenarios. 	<ul style="list-style-type: none"> Groundwater and Surface Water Management Plan Metal Leaching and Acid Rock Drainage Management Plan Waste Management Plan 	<ul style="list-style-type: none"> Notify supervisors, IEM, and management. Engage emergency response team if necessary. Immediate assessment of potential effects to environment, health, and safety. Notification of regulatory agencies where required. 	<ul style="list-style-type: none"> Halt the discharge of effluent to the receiving environment, as soon as feasible. Immediate assessment of the potential effects to the environment, health, and safety, to ensure the safety of employees, site personnel, and the public. Notify the appropriate stakeholders. These include government agencies and any nearby communities or landowners. The prompt notification of government agencies is essential.
10. Motor vehicle accidents	Vehicle accident resulting in serious injury or fatality.	Not Likely	Extreme	Moderate	<ul style="list-style-type: none"> Design, construct, and maintain Project site and access roads for safe use. 	<ul style="list-style-type: none"> Traffic and Site Access Management Plan 	<ul style="list-style-type: none"> Notify supervisors and management. Engage emergency response team if necessary. 	<ul style="list-style-type: none"> Clean-up of any spilled fuel or hazardous materials.

Scenario	Description	Likelihood	Severity	Risk	Mitigation		Emergency Response	Clean-up and Restoration
					Design Measures	Management Plans		
					<ul style="list-style-type: none"> • Prevent roads from becoming wildlife attractants. • Ensure users adhere to standards, including speed limits. • Regular inspection and maintenance of roads and vehicles. • Training for safe driving and emergency response 	<ul style="list-style-type: none"> • Mine Emergency Response Plan 	<ul style="list-style-type: none"> • Immediate assessment of potential effects to environment, health, and safety. 	
11. Sediment releases into watercourses	Severe rain or snowmelt leading to significant erosion and mass wasting event.	Not Likely	Moderate	Low	<ul style="list-style-type: none"> • Planning Project infrastructure to minimize soil and vegetation disturbance, as well as maintain terrain stability. • Application erosion and sedimentation management measures. • Monitoring and maintenance or sediment and erosion control measures, including blocked culverts and slope failures. 	<ul style="list-style-type: none"> • Soil Erosion and Sediment Control Plan • Mine Emergency Response Plan 	<ul style="list-style-type: none"> • Notify supervisors, IEM, and management. • Engage emergency response team if necessary. • Immediate assessment of potential effects to environment, health, and safety. • Notification of regulatory agencies where required. 	<ul style="list-style-type: none"> • Stabilization of disturbed slope. • Removal of material encroaching watercourses. • Installation of sediment and erosion control measures, including re-vegetation where applicable.
12a. Natural gas pipeline failure - explosion	Failure of underground natural gas pipeline leading to an explosion	Not likely	Extreme	Moderate	<ul style="list-style-type: none"> • The natural gas pipeline route is included in the underground mining exclusion zones. 	<ul style="list-style-type: none"> • Mine Emergency Response Plan 	<ul style="list-style-type: none"> • Notify supervisors, IEM, and management. 	<ul style="list-style-type: none"> • Clean-up and disposal of damaged materials and infrastructure. • Repair and assessment of damaged pipeline.

Scenario	Description	Likelihood	Severity	Risk	Mitigation		Emergency Response	Clean-up and Restoration
					Design Measures	Management Plans		
					<ul style="list-style-type: none"> No digging or excavation work would occur near the pipeline route. Regular inspection and maintenance of natural gas pipeline and storage tanks. Ensure training of mine personnel and contractors for emergency response and spill contingency procedures. 		<ul style="list-style-type: none"> Engage emergency response team if necessary. Immediate assessment of potential effects to environment, health, and safety. 	<ul style="list-style-type: none"> Restoration of infrastructure, vegetation.
12b. Natural gas pipeline failure - no explosion	Failure of underground natural gas pipeline leading to a release of natural gas into the environment	No moderate effects to Project VCs. No risk assessment conducted. Would be treated as low severity notification			<ul style="list-style-type: none"> The natural gas pipeline route is included in the underground mining exclusion zones. No digging or excavation work would occur near the pipeline route. Regular inspection and maintenance of natural gas pipeline and storage tanks. Training of mine personnel and contractors for emergency response and spill contingency procedures. 	<ul style="list-style-type: none"> Mine Emergency Response Plan 	<ul style="list-style-type: none"> Notify supervisors and management. Engage emergency response team if necessary. Immediate assessment of potential effects to environment, health, and safety. 	<ul style="list-style-type: none"> Clean-up and disposal of damaged materials and infrastructure. Repair and assessment of damaged pipeline.
13. External events	Wildfire, flood, landslide, extreme weather, or any other	No risk assessment conducted. However, will be treated as a Moderate, High, or			N/A	<ul style="list-style-type: none"> Implement the appropriate management 	<ul style="list-style-type: none"> Engage emergency response team if necessary. 	<ul style="list-style-type: none"> Clean-up and restore damaged materials or

Scenario	Description	Likelihood	Severity	Risk	Mitigation		Emergency Response	Clean-up and Restoration
					Design Measures	Management Plans		
	event outside of HD Mining's footprint and control that could cause a negative effect on normal mine operations.	Extreme severity depending on the nature of the event				plan, such as the: <ul style="list-style-type: none"> • Mine Emergency Response Plan • Traffic and Site Access Management Plan 	<ul style="list-style-type: none"> • Immediate assessment of potential effects to environment, health, and safety 	infrastructure, as needed.

3 CONSULTATION AND ENGAGEMENT

HD Mining engaged with Indigenous groups (West Moberly First Nations, Sauleau First Nations, McLeod Lake Indian Band, Blueberry River First Nations, Horse Lake First Nation, Doig River First Nation, Fort Nelson First Nation, Halfway River First Nation, Prophet River First Nations, Sucker Creek First Nation, Kelly Lake Métis Settlement Society, and Métis Nation British Columbia during the EIS Application review.

HD Mining has also provided the AMCP to Indigenous groups.

4 COMMUNICATION PROCEDURES

This section details communication procedures for the Project in relation to accidents and malfunctions.

Table 4-1 outlines a summary of the communication procedures that will be used for the Project. Severity levels are based on the scenarios and severity definition presented in **Section 2.2**.

If an accident or malfunction occurs that is not listed in **Table 2-4** but has an environmental effect and severity level as described in **Section 2.2**, then communications to Indigenous groups will be provided in accordance with the severity level presented in **Table 4-1**.

Table 4-1. Summary of Communication Procedures

Severity Level	Initial Communication Timing	Who to Communicate with	Type of Communication
Negligible or Low	Annually	All Indigenous groups	<ul style="list-style-type: none"> • Included in annual report
Moderate	Within 48 hours	All Indigenous groups	<ul style="list-style-type: none"> • Email or phone notification • Initial report via email • Included in annual report
High	Within 24 hours	All Indigenous groups	<ul style="list-style-type: none"> • Email or phone notification • Initial report via email • Follow-up update email withing 48 hours of initial report • Incident and compliance reporting, as required • Included in annual report

Severity Level	Initial Communication Timing	Who to Communicate with	Type of Communication
Extreme	Immediately or as soon as feasible	All Indigenous groups	<ul style="list-style-type: none"> • Email or phone notification • Initial report via email • Follow-up update email withing 48 hours of initial report • Incident and compliance reporting, as required • Included in annual report

4.1 INITIAL COMMUNICATION TIMELINES

Timelines for communications to Indigenous groups will be determined based on severity levels presented in **Section 2.2** and **Table 2-2** and are presented in **Table 4-1**. Communications of accidents or malfunctions that are deemed to have negligible or low environmental impacts will be provided to Indigenous groups in the annual report. Communications for moderate and high accidents will be completed within 48 hours and 24 hours, respectively, whereas extreme accidents and malfunctions will be communicated immediately or as soon as feasible. The types of communications provided are listed in **Table 4-1**.

4.2 COMMUNICATION INFORMATION

The following is an example of the type of information as available that will be included in the communication email or phone call and then expanded on in the initial report.

- date and location of the accident or malfunction;
- summary of the accident or malfunction;
- information on the impacts and the potential environmental effects;
- description of the immediate actions and mitigation measures that have been taken to address the accident or malfunction; and,
- details on any planned monitoring and remedial actions, the resources that will be required, and the implementation schedule.

For High and Extreme accidents or malfunctions, the 48 hours follow-up email will contain updated information on the responses and status of the accident or malfunction. It will also identify any opportunities for Indigenous groups to assist with the response to the accident or malfunction.

Incident and compliance reports, when required, may need additional information and the scope will be dependent on the type of accident or malfunction and the associated impacts. HD Mining will provide and follow all regulatory compliance requirements related to the accident or malfunction.

The annual report will summarize any accident and/or malfunction for the reporting year.

4.3 CONTACT INFORMATION

Table 4-2 provides contact information for Indigenous groups that will be used to provide notifications of accidents and malfunctions.

HD Mining can be contacted at <https://www.hdminingintl.com/contact> for any concerns regarding accidents and malfunctions for the Project.

Table 4-2. Contact Information for Indigenous Groups

Indigenous Group	Contact Person	Email Address	Office Address	Office Phone
Blueberry River First Nations	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Blueberry River First Nations	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Blueberry River First Nations	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Doig River First Nation	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Doig River First Nation	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Doig River First Nation	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Doig River First Nation	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Doig River First Nation	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Fort Nelson First Nation	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Halfway River First Nation	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Halfway River First Nation	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Horse Lake First Nation	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Horse Lake First Nation	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

Indigenous Group	Contact Person	Email Address	Office Address	Office Phone
Kelly Lake Métis Settlement Society	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
McLeod Lake Indian Band	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
McLeod Lake Indian Band	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
McLeod Lake Indian Band	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
McLeod Lake Indian Band	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
McLeod Lake Indian Band	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Métis Nation British Columbia	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Métis Nation British Columbia	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Métis Nation British Columbia	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Prophet River First Nation	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Saulteau First Nations	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Saulteau First Nations	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Sucker Creek First Nation	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

Indigenous Group	Contact Person	Email Address	Office Address	Office Phone
West Moberly First Nations	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
West Moberly First Nations	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
West Moberly First Nations	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

5 RECORD KEEPING AND REPORTING

5.1 RECORD KEEPING

As required by DS Condition 12, records relevant to this communication plan will be maintained at a facility in Canada and made available to the Impact Assessment Agency of Canada (Agency) upon request.

5.2 REPORTING

5.2.1 ANNUAL REPORTING

Condition 2.8 of the DS sets out the DS annual reporting requirements. HD Mining will submit an annual report shall be submitted to the Agency no later than December 31 following the reporting year to which the annual report applies (Condition 2.9). The annual reports will also be publicly available, and HD Mining will notify the Agency, Indigenous groups, and relevant authorities within 48 hours of their publication (Condition 2.10).

6 PLAN UPDATES

HD Mining will review the AMCP and make updates where required based on feedback from Indigenous groups and relevant authorities.

7 ACRONYMS AND ABBREVIATIONS

Acronym or Abbreviation	Definition
Agency	Impact Assessment Agency of Canada
AMCP	Accident and Malfunction Communication Plan
BC	British Columbia
BC EAO	British Columbia Environmental Assessment Office
CEAA	Canadian Environmental Assessment Agency
CCR	Coarse Coal Reject
Construction	the phase of the Designated Project when site preparation, building or installation of any components of the Designated Project is undertaken by the Proponent
DS	Decision Statement
Decommissioning	the phase of the Designated Project during which the Proponent permanently ceases commercial production and commences removal from service of any components of the Designated Project, and that continues until the site is restored
EAC #M15-03	Environmental Assessment Certificate #M15-03
EIS	Environmental Impact Statement
FCR	fine coal rejects
HD Mining	HD Mining International Ltd.
IEM	Independent Environmental Monitor
Indigenous groups	“means the following Aboriginal Peoples: West Moberly First Nations, Saulneau First Nations, McLeod Lake Indian Band, Blueberry River First Nations, Horse Lake First Nation, Doig River First Nation, Fort Nelson First Nation, Halfway River First Nation, Prophet River First Nations, Sucker Creek First Nation, Kelly Lake Métis Settlement Society and Métis Nation British Columbia” (Ref: DS Section 1.18)
Operation	the phase of the Designated Project during which the commercial production takes place, including periods during which commercial production may temporarily cease, and that continues until the start of decommissioning
Project	Murray River Coal Project
VC	Valued Component

8 UNITS OF MEASURE

Acronym or Abbreviation	Definition
<	less than
>	greater than
%	percent
KM	kilometre (when used before a distance marker number (i.e. KM 10 of ...))

9 REFERENCES

9.1 FEDERAL LEGISLATION AND REGULATIONS

Canadian Environmental Assessment Act, 2012, SC 2012

Environmental Assessment Act, SBC 2002, c 43

9.2 SECONDARY REFERENCES

British Columbia Environmental Assessment Office (BC EAO). 2015. *In the matter of the Environmental Assessment Act and in the matter of an Environmental Application for an Environmental Assessment Certificate (Application) by HD Mining International Ltd. (Proponent) for the Murray River Coal Project. Environmental Assessment Certificate #M15-03.*

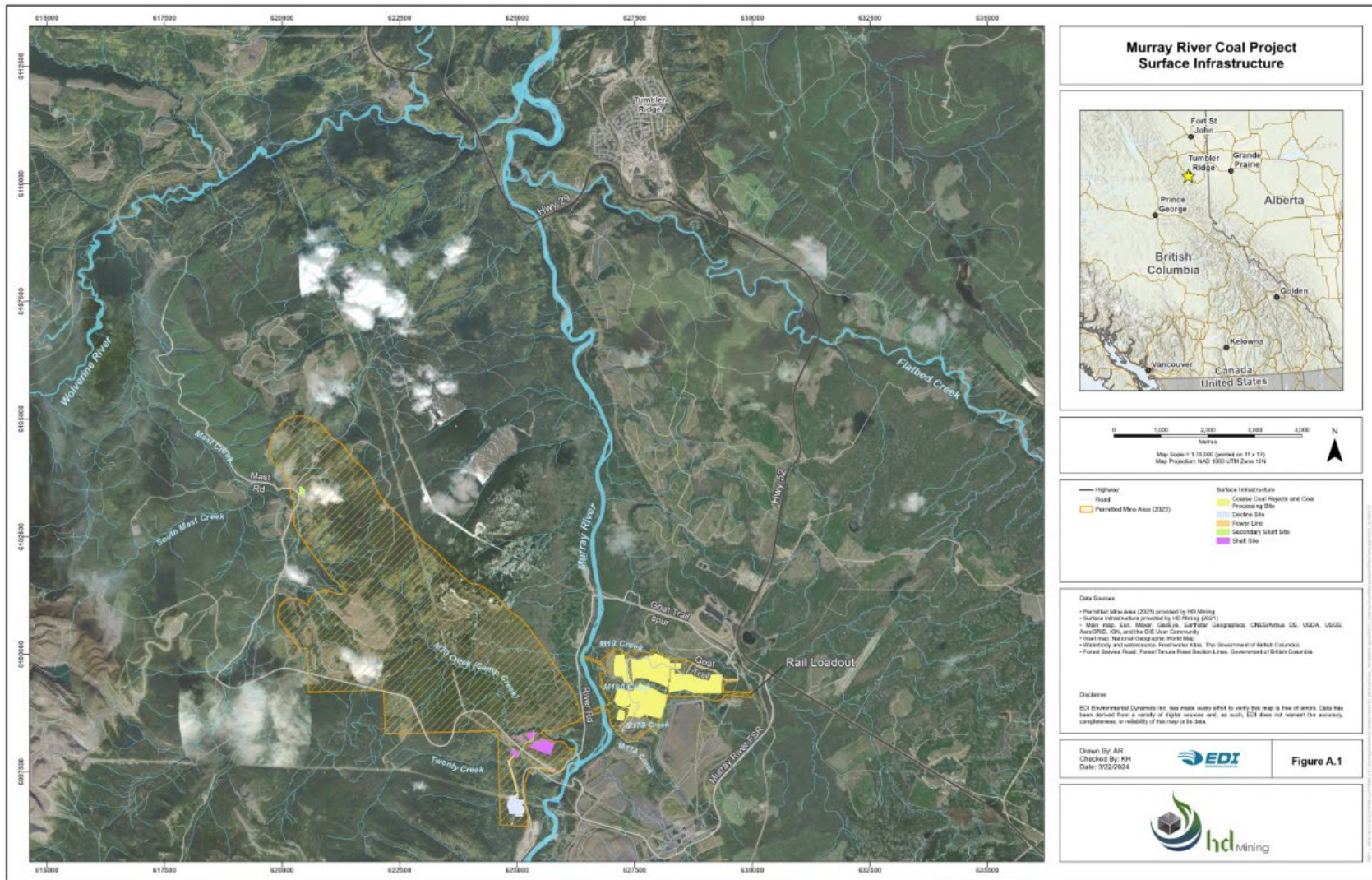
British Columbia Environmental Assessment Office (BC EAO). 2020. *In the matter of the Environmental Assessment Act and in the matter of an Environmental Application for an Environmental Assessment Certificate #M15-03 (Certificate) by HD Mining International Ltd. for the Murray River Coal (Project). Extension Under Section 31.*

Canadian Environmental Assessment Agency (CEAA). 2017. *Decision Statement Issued under Section 54 of the Canadian Environmental Assessment Act, 2012 to HD Mining International Ltd. c/o Penggui Yan, Chair 2288 – 1177 West Hastings Street Vancouver, British Columbia V6E 2K3 for the Murray River Coal Project.*

HD Mining Ltd. 2014. *Application for an Environmental Assessment Certificate/Environmental Impact Statement for the Murray River Coal Project. Prepared by ERM Rescan, October 2014.*

APPENDICES

**APPENDIX A FIGURE A-1 SURFACE
INFRASTRUCTURE**



Appendix Figure A-1. Murray River Coal Project Surface Infrastructure

**APPENDIX B CONCORDANCE TABLE
FOR THE DECISION
STATEMENT**

Appendix Table B-1. Concordance Table for Decision Statement

Requirement	Location in Document
Consultation	
2.2	The Proponent shall, where consultation is a requirement of a condition set out in this Decision Statement:
2.2.1	<ul style="list-style-type: none"> provide a written notice of the opportunity for the party or parties being consulted to present their views and information on the subject of the consultation;
2.2.2	<ul style="list-style-type: none"> provide sufficient information on the scope and the subject matter of the consultation and a reasonable period of time to permit the party or parties being consulted to prepare their views and information;
2.2.3	<ul style="list-style-type: none"> undertake an impartial consideration of all views and information presented by the party or parties being consulted on the subject matter of the consultation; and
2.2.4	<ul style="list-style-type: none"> advise in a timely manner the party or parties being consulted on how the views and information received have been considered by the Proponent.
2.3	The Proponent shall, where consultation with Indigenous groups is a requirement of a condition set out in this Decision Statement, communicate with each Indigenous group with respect to the manner by which to satisfy the consultation requirements referred to in condition 2.2, including methods of notification, the type of information, the period of time to be provided when seeking input, the process to be used by the Proponent to undertake impartial consideration of all views and information presented on the subject of the consultation, the period of time to advise Indigenous groups of how their views and information were considered by the Proponent and the means by which Indigenous groups will be advised.
2.5	The Proponent shall submit the information identified in condition 2.4 to the Agency prior to the implementation of each follow-up program. The Proponent shall update that information in consultation with Indigenous groups and relevant authorities during the implementation of each follow-up program, and shall provide the updated information to the Agency, Indigenous groups and relevant authorities within 30 days of the information being updated.
Reporting	
2.8	The Proponent shall, commencing in the reporting year during which the Proponent begins the implementation of the conditions set out in this Decision Statement, prepare an annual report that sets out:
	Section 5 Record

Requirement		Location in Document
		Keeping and Reporting
2.8.1	the activities undertaken by the Proponent in the reporting year to comply with each of the conditions set out in this Decision Statement;	Section 5 Record Keeping and Reporting
2.8.3	for conditions set out in this Decision Statement for which consultation is a requirement, how the Proponent considered any views and information that the Proponent received during, or as a result of, the consultation;	Section 5 Record Keeping and Reporting
2.9	The Proponent shall submit to the Agency the annual report referred to in condition 2.8, including an executive summary in both official languages, no later than December 31 following the reporting year to which the annual report applies.	Section 5 Record Keeping and Reporting
2.10	The Proponent shall publish on the Internet, or any medium which is widely publicly available, the annual reports and the executive summaries referred to in conditions 2.8 and 2.9, any offsetting plan referred to in condition 7.15, the heritage management plan referred to in condition 8.2, the written reports referred to in conditions 10.4.3 and 10.4.4, the communication plan referred to in condition 10.5, the implementation schedule referred to in condition 11.1 and any update(s) or revision(s) to the above documents, upon submission of these documents to the parties referenced in the respective conditions. The Proponent shall keep these documents publicly available for 25 years following the end of operation or until the end of decommissioning of the Designated Project, whichever comes first. The Proponent shall notify the Agency, Indigenous groups and relevant authorities of the availability of these documents within 48 hours of their publication.	Section 5 Record Keeping and Reporting
12	Record keeping	Section 5 Record Keeping and Reporting
12.1	The Proponent shall maintain all records relevant to the implementation of the conditions set out in this Decision Statement. The Proponent shall provide the aforementioned records to the Agency upon demand within a timeframe specified by the Agency.	Section 5 Record Keeping and Reporting
10. Accidents and Malfunctions		
10.5	The Proponent shall develop, prior to construction, a communication plan in consultation with Indigenous groups. The Proponent shall implement and maintain the communication plan up to date during all phases of the Designated Project. The plan shall include:	Section 3 Section 6
10.5.1	the types of accidents and malfunctions requiring the Proponent to notify each Indigenous group;	Sections 2.2 and Section 4.1

Requirement		Location in Document
10.5.2	the manner by which each Indigenous group shall be notified by the Proponent of an accident or malfunction and of any opportunities for the Indigenous groups to assist in the response to the accident or malfunction; and	Section 4 Notification Process
10.5.3	the contact information of the representatives of the Proponent that the Indigenous groups may contact and of the representatives of each Indigenous group to which the Proponent provides notification.	Section 4.3 Contact Information