



WHAT YOU CAN EXPECT TO SEE IN YOUR APPROVAL: METAL MINING

This list below outlines the typical requirements for a metal mining project after an industrial approval has been issued. As part of a phased approval, these items are not required with the initial application but are needed as your project moves forward. They help ensure that all necessary measures are in place before beginning activities such as clearing, grubbing, blasting, ore processing, constructing the tailings management facility, or working with historic tailings. The industrial approval will specify the timelines for required submissions.

SUBJECT	REQUIREMENTS	COMPLETION TIMELINE
AUTHORITY TO CONDUCT ACTIVITY	<ul style="list-style-type: none"> Signed leases and/or other written agreements and/or options from the landowner and/or occupier authorizing the activity on the property. 	Prior to the start of clearing and/or grubbing.
AIR QUALITY	<ul style="list-style-type: none"> Ambient Air Monitoring Plan in accordance with Section 2 of the Department's "Air Assessment Guidance Document". 	Prior to the start of ore processing.
AIR EMISSIONS	<ul style="list-style-type: none"> Air Emissions Monitoring Plan in accordance with Section 3 of the Department's "Air Assessment Guidance Document". 	Prior to the start of ore processing.
AIR DISPERSION	<ul style="list-style-type: none"> Air Dispersion Modeling Assessment in accordance with Section 4 of the Department's "Air Assessment Guidance Document". 	Prior to the start of ore processing.
BLASTING	<ul style="list-style-type: none"> Pre-blast survey as per "Nova Scotia Department of Environment Procedure for Conducting a Pre-Blast Survey." 	Prior to the start of blasting.
	<ul style="list-style-type: none"> UTM NAD83 coordinates for the blast monitoring stations. 	Prior to the start of blasting.
COMMUNITY LIAISON COMMITTEE	<ul style="list-style-type: none"> Establish a Community Liaison Committee as per the Department's "Guide for the Formation and Operation of a Community Liaison Committee." 	Prior to the start of grubbing.
CONTINGENCY/ EMERGENCY RESPONSE PLAN	<ul style="list-style-type: none"> Contingency/Emergency Response Plan in accordance with the Department's "Contingency Planning Guidelines". 	Prior to the start of clearing and/or grubbing.

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CONSTRUCTION	<ul style="list-style-type: none"> Issued-for-construction drawings, stamped and signed by a Professional Engineer, for all infrastructure and associated works, if not submitted with the Industrial Approval Application. 	Prior to the start of construction.
HISTORICAL CONTAMINATION	<ul style="list-style-type: none"> Phase 2 Environmental Site Assessment in accordance with the Department's "Phase 2 Environmental Site Assessment Protocol" for all suspected or known contaminated areas potentially affected by construction, operation or reclamation. A CHK-400 Phase 2 Environmental Site Assessment Checklist is not required. 	Prior to any disturbance of historic tailings.
	<ul style="list-style-type: none"> Remedial Action Plan in accordance with the Department's "Remedial Action Plan Protocol", limited to all suspected or known contaminated areas potentially affected by construction, operation or reclamation. For conditional closures, include a Risk Management Plan with the submission. A CHK-600 Remedial Action Plan Checklist is not required. 	Prior to any disturbance of historic tailings.
	<ul style="list-style-type: none"> Issued-for-construction design drawings for infrastructure required by the Remedial Action Plan. 	Prior to construction of the historic tailings storage infrastructure.
INSURANCE	<ul style="list-style-type: none"> Proof of environmental impairment liability insurance in the minimum amount of ten million dollars (\$10,000,000), naming the Province of Nova Scotia as insured. 	Prior to the start of ore processing.
NOISE	<ul style="list-style-type: none"> Noise Monitoring Plan in accordance with the Department's "Guidelines for Environmental Noise Measurement and Assessment". 	Prior to the start of blasting.
RECLAMATION SECURITY	<ul style="list-style-type: none"> Financial Securities in a phased approach according to the following schedule: <ul style="list-style-type: none"> Prior to the start of clearing and grubbing: 35% of the security value Prior to the start of ore processing: 20% of the security value 1 year after the start of ore processing: 25% of the security value 2 years after the start of ore processing: 20% of the security value 	Phased approach.

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STOCKPILES	<ul style="list-style-type: none"> Stockpile Design Report that includes seismic site classification, slope stability analysis for static and seismic loading conditions, material placement, foundation preparation, runout analysis. 	Prior to the start of blasting.
SURFACE WATER MANAGEMENT	<ul style="list-style-type: none"> Erosion and sediment control plan in accordance with: <ul style="list-style-type: none"> Nova Scotia Environment and Sediment Control Handbook for Construction Sites. Guide to Developing Erosion and Sediment Control Plans 	Prior to the start of grubbing.
TAILINGS MANAGEMENT FACILITY	<ul style="list-style-type: none"> Issued-for-construction drawings, stamped and signed by the Engineer of Record, if not submitted with the Industrial Approval Application. 	Prior to the start of the Tailings Management Facility construction.
	<ul style="list-style-type: none"> Operation, Maintenance and Surveillance Manual that adheres to the latest Canadian Dam Association and the Mining Association of Canada guidelines/documents. 	Prior to the start of the Tailings Management Facility construction.
	<ul style="list-style-type: none"> Signed letter from the Independent Tailings Review Board confirming they have reviewed the design and assured that applicable regulations and guidelines have been followed, and the standard of practice has been met with respect to site characterization, design, construction, monitoring and closure. 	Prior to the start of the Tailings Management Facility construction.

While this checklist outlines general requirements for mine projects, each project is unique and may require information not listed above to assess potential environmental effects.