

APPENDIX 06

NOISE TRIGGER ACTION AND RESPONSE PLAN (TARP) - DRAFT

BIRD IN HAND GOLD PROJECT

MINING LEASE PROPOSAL MC 4473



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LEGEND:		
Level 1	NORMAL LEVEL	Measured levels fall within "normal" predicted values for criteria of the specific receptor(s)
Level 2	EARLY WARNING LEVEL	Measured levels between predicted levels and exceedance levels for criteria of the specific receptor(s)
Level 3	EXCEEDENCE LEVEL	Measured levels measure outside exceedance levels for criteria of the specific receptor(s)

Bird-in-Hand Gold Project - TRIGGER ACTION RESPONSE PLAN (TARP) - NOISE				
	LEVELS	CONTAINMENT/REMEDATION MEASURES	ADAPTIVE MANAGEMENT MEASURES & CONTINGENCY PLANS	
TRIGGERS	Noise - operational phase	Level 1 LESS THAN MAX PREDICTED DB(A) LIMITS OR THE LIMITS SET AS PER THE ENVIRONMENTAL PROTECTIONS (NOISE) POLICY 2007 (NOISE EPP) AT BOUNDARY OF SENSITIVE RECEPTOR(S) (WHICHEVER LEVEL IS LOWER)	Monitoring as per Environmental Monitoring Program (EMP)	
		Level 2 EXCEEDS A LEVEL OF 5 DB(A) LESS THAN THE NOISE EPP DB(A) LIMIT BUT IS LESS THAN THE ENVIRONMENTAL PROTECTIONS (NOISE) POLICY 2007 (NOISE EPP) DB(A) AT SENSITIVE RECEPTOR(S). TO BE MEASURED AND COMPARED WITH NOISE MODEL AT BOUNDARY OF SENSITIVE RECEPTOR(S)	Notify DPC Monitoring as per EMP, compare with control & monitoring equipment to determine if source is from a mining related activity	Review impact assessment on sensitive receptors Review model predictions based on monitoring data in consultation with independent expert
		Level 3 EXCEEDS NOISE EPP DB(A) LEVELS AT A SENSITIVE RECEPTOR LOCATION, MEASURED AT THE BOUNDARY OF THE RECEPTOR AND COMPARED WITH NOISE MODEL.	Notify GM/MM, TSM and ECM Identify and confirm if source is from a mining related activity, Notify EPA and DPC Notify affected sensitive receptor Review incident by independent expert for impact on receptors	Review mine plan including site activities and mitigation with independent expert Update model based on monitoring data. Update impact assessment on sensitive receptors Update mine plan, operations &/or adapt or install further mitigation strategies in consultation with EPA, DPC and independent expert Report in QER
	Noise - construction phase	Level 1 LESS THAN NOISE EPP dB(A) BETWEEN 7PM AND 7AM MONDAY TO SATURDAY, OR BEFORE 7AM MON-SAT OR ON A SUNDAY or PUBLIC HOLIDAY BETWEEN 9:00AM AND 7:00PM IF TO AVOID UNREASONABLE INTERRUPTION OF TRAFFIC MOVEMENT OR WHERE GROUNDS EXIST THAT THE AUTHORITY/ADMINISTERING AGENCY DEEMS SUFFICIENT	Monitoring as per EMP at sensitive receptor boundary	
		Level 2 EXCEEDS A LEVEL OF 5 DB(A) LESS THAN THE NOISE EPP DB(A) LIMIT BUT IS LESS THAN THE ENVIRONMENTAL PROTECTIONS (NOISE) POLICY 2007 (NOISE EPP) DB(A) AT SENSITIVE RECEPTOR(S) NOISE EPP AT SENSITIVE RECEPTOR (MEASURED AT BOUNDARY AND COMPARED TONOISE MODEL) BETWEEN 7PM AND 7AM MONDAY TO SATURDAY, OR BEFORE 7AM MON-SAT OR ON A SUNDAY or PUBLIC HOLIDAY BETWEEN 9:00AM AND 7:00PM IF TO AVOID UNREASONABLE INTERRUPTION OF TRAFFIC MOVEMENT OR WHERE GROUNDS EXIST THAT THE AUTHORITY/ADMINISTERING AGENCY DEEMS SUFFICIENT	Notify DPC Monitoring as per EMP	Review model predictions based on monitoring data in consultation with independent expert Review mine plan including site activities and mitigation with independent expert
		Level 3 EXCEEDS NOISE EPP DB(A) LEVELS AT BOUNDARY OF A SENSITIVE RECEPTOR LOCATION BETWEEN 7PM AND 7AM MONDAY TO SATURDAY, OR BEFORE 7AM MON-SAT OR ON A SUNDAY or PUBLIC HOLIDAY BETWEEN 9:00AM AND 7:00PM IF TO AVOID UNREASONABLE INTERRUPTION OF TRAFFIC MOVEMENT OR WHERE GROUNDS EXIST THAT THE AUTHORITY/ADMINISTERING AGENCY DEEMS SUFFICIENT	Notify GM/MM, TSM and ECM Notify EPA and DPC Notify affected sensitive receptor Identify and confirm if source is from a mining related activity, Notify EPA and DPC	Review EMP in conjunction an independent expert to ensure mitigation is sufficient Review impact assessment on sensitive receptors Update model based on monitoring data Update impact assessment on sensitive receptors Update mine plan, operations &/or adapt or install further mitigation strategies in consultation with EPA, DPC and independent expert

			Review incident by independent expert for impact on receptors	Report in QER
RESPONSIBILITIES	GENERAL MANAGER/MINE MANAGER	Ensure adequate resources area available to implement the Mine Plan	Review monitoring data	
	TECHNICAL SERVICES MANAGER	Owner of the Mine Plan (MP)	Provide resources to aid in remediation/mitigation plans Review monitoring data	Provide resources to aid modelling review Update mine plan including blast design width in consultation with DPC and independent expert
	ENVIRONMENT & COMMUNITY MANAGER	Arrange monitoring as per the Environmental Monitoring Program (EMP) Arrange monitoring as per Biodiversity Management Plan (BMP) Arrange monitoring and management activities as per Land MP (LMP) Owner of the EMP, LMP, HMP & WMP Arrange access for monitoring programs	Manage remediation/mitigation in accordance with LMP, WMP and HMP Arrange pre mining building, site and infrastructure inspections as per EMP Notify receptor of measured criteria exceedance. Notify EPA, DEWNR and DPC of measured criteria exceedance Provide resources to temporarily mitigate impact to the receptor until remediation plan can be enacted	Update noise models and impact assessment as required