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) - DUST		
		LEVELS	CONTAINMENT/REMEDIATION MEASURES	ADAPTIVE MANAGEMENT MEASURES & CONTINGENCY PLANS
TRIGGERS	Amenity - dust deposition, total suspended particulates	**Level 1** LESS THAN TSP (2g/m^2/month) at boundary of sensitive receptor(s)	Monitoring as per Environmental Monitoring Program (EMP)	
		Level 2 EXCEEDS MAX PREDICTED TSP (4g/m^2/month) AT BOUNDARY OF SENSITIVE RECEPTOR	Notify DPC Monitoring as per EMP, compare with control & monitoring equipment to determine if source is from a mining related activity Notify GM/MM, TSM and ECM	Review impact assessment on sensitive receptors 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 MAX PEAK LEVELS (4g/m^2/month) AT BOUNDARY OF A SENSITIVE RECEPTOR LOCATION	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	Update model based on monitoring data. Update impact assessment on sensitive receptors and EMP Update mine plan, operations &/or adapt or install further mitigation strategies in consultation with EPA, DPC and independent expert Report in QER
	PM10	**Level 1** WITHIN PROJECT OBJECTIVE OF 50 ug/m^3 MAXIMUM 24-HOUR PM10 CONCENTRATION	Monitoring as per EMP, BAM or TEOM for PM10 at sensitive receptor boundary	
		Level 2 WITHIN PROJECT OBJECTIVE OF 50 ug/m^3, BUT HIGHER THAN 45 ug/m3, MAXIMUM 24-HOUR PM10 CONCENTRATION	Notify DPC Monitoring and implement mitigation measures as per EMP, compare with control & monitoring equipment to determine if source is from a mining related activity Notify OM, TSM and ECM	Review monitoring sensors against control points and meteorological data Review model predictions based on monitoring data in consultation with independent expert Review mine plan including site activities and mitigation with independent expert Review impact assessment on sensitive receptors
		Level 3 EXCEEDS PROJECT OBJECTIVE OF 50 ug/m^3 MAXIMUM 24-HOUR PM10 CONCENTRATION	Notify EPA and DPC Notify affected sensitive receptor Review incident by independent expert for impact on receptors Identify and confirm if source is from a mining related activity, Notify EPA and DPC	Update model based on monitoring data. Update impact assessment on sensitive receptors and EMP Update mine plan, operations &/or adapt or install further mitigation strategies in consultation with EPA, DPC and independent expert Report in QER
	PRINCIPAL RESIDENCES (PRIVATE RESIDENCE))	**Level 1** No recorded impacts or complaints from sensitive receptor(s)	Monitoring as per EMP	
		Level 2 Principal residence exposed to site dust between background and peak limits and/or complaint made by receptor	Notify OM, TSM and ECM Notify DPC Notify affected landholders and/or residence owners Monitoring and implement mitigation measures as per EMP	Review monitoring sensors against control points and meteorological data Review impact assessment on sensitive receptors Review mine plan including site activities and mitigation with independent expert Review model predictions based on monitoring data in consultation with independent expert
		Level 3 ``	Notify landholder Notify DPC and EPA	Update model based on monitoring data. Update impact assessment on sensitive receptors and EMP Update mine plan, operations &/or adapt or install further mitigation strategies in consultation with EPA, DPC and independent expert Report in QER

BUILT FEATURES (PRIVATE PROPERTY)	**Level 1** No recorded impacts or complaints from sensitive receptor(s)	Monitoring as per EMP	
	Level 2 Principal residence exposed to site dust between background and peak limits and/or complaint made by owner	Notify OM, TSM and ECM Notify DPC Notify affected landholders and/or residence owners Monitoring and implement mitigation measures as per EMP	Review monitoring sensors against control points and meteorological data Review impact assessment on sensitive receptors Review mine plan including site activities and mitigation with independent expert Review model predictions based on monitoring data in consultation with independent expert
	Level 3 Built Feature exposed to limits above peak limits, experiences impact, and/or complaint made by owner/stakeholder	Notify landholder Notify DPC and EPA Assist landholder with information for a structural assessment by independent expert Implement measures as per the EMP	Update model based on monitoring data. Update impact assessment on sensitive receptors and EMP Update mine plan, operations &/or adapt or install further mitigation strategies in consultation with EPA, DPC and independent expert Report in QER
ECOLOGICAL RECEPTORS	**Level 1** LESS THAN TSP (2g/m2/month) at boundary of sensitive receptor(s)	Monitoring as per Biodiversity Management Plan	
	Level 2 Exceeds max predicted TSP (4g/m^2/month) at boundary of sensitive receptor and/or complaints may by receptor or evidence of impact is apparent	Notify OM, TSM and ECM Notify DPC Notify affected receptors Monitoring and implement mitigation measures as per EMP	Review monitoring sensors against control points and meteorological data Review impact assessment on sensitive receptors Review mine plan including site activities and mitigation with independent expert Review model predictions based on monitoring data in consultation with independent expert
	Level 3 EXCEEDS MAX PEAK LEVELS (4g/m^2/month) AT BOUNDARY OF A VEGETATION HERITAGE LOCATION	Notify DPC and EPA, NRM Board, DEWNR Determine if impact is likely in consultation with independent experts, eg is sensitive species in flower	Update model based on monitoring data. Update impact assessment on sensitive receptors and EMP Update mine plan, operations &/or adapt or install further mitigation strategies in consultation with EPA, DPC and independent expert Report in QER
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	Signage and access restriction as per EMP 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 dust and PM10 models and impact assessment as required

RESPONSIBILITIES