#### Reviewer Comments and Proponent Responses

#### Project: Diavik

## Board: Wek'èezhìi Land and Water Board

Organization: Diavik Diamond Mines (2012) Inc.

No	Торіс	Reviewer Comment	Reviewer Recommendation	Proponent Response
Tlicho (	overnment - LC	NGINUS EKWE		
1	Closure Plan	DDMI has submitted a revised	1. Can DDMI confirm that its proposed	DDMI appreciates TG's initiative to have a discussion
		management plan and design report	Phase 7 design and management plan	around these questions and to hear DDMI's responses
			will not close the door on closure	in advance of submitting these comments. The
		the PKC Facility. If approved, DDMI will		following responses were provided to TG:
		place processed kimberlite in the PKC		1. The Phase 7 design and management plan does not
			dry cover)? 2. When will DDMI be	close the door on either the wet or dry (what we are
			submitting the PCK Facility closure	now calling "freeze") option.
		of the mine life. Therefore, the Phase	plan? 3. Can DDMI comment on the	2. The PKC Closure Design /Plan will be submitted
		7 design may influence or even dictate		with Final CRP around October 2022 but we expect to
		0	closure plan at the same time as the	initiate engagment on the proposed closure approach
		0	Stage 7 final design and management	over the next ~6 months.
			plan?	3. Certainly in an ideal world it would be preferable to
		Reclamation Plan 4.1 that the		review both at the same time but since the Phase 7
		company will be submitting it's		design and management plan inform closure designs
		proposed final closure plan for the PKC		(they set the starting conditions for closure) the final
		Facility (wet vs dry cover) by Q1 2021		closure designs will be informed by the final raise
		for approval. The decision on closing		design and management plans.
		the PKC Facility with a wet or dry		
		cover has important implications on		
		long-term physical and chemical		
		stability. To our knowledge DDMI has		
		not yet submitted the final CRP		
		closure concept. We anticipate an		
		opportunity to evaluate the merits of		
		a wet cover vs a dry cover and other		
		key PKCF closure aspects before a		

		decision on the closure plan is made.		
		Given that this is the last stage of the		
		PKC Facility construction, it may make		
		sense to review the CRP closure plan		
		at the same time as the design and		
		management plan. (Diavik and TG staff		
		met to discuss these comments and		
		we appreciate Diavik also responding		
		here for the Board and the public		
		record.)		
2	General	Now that PKMW has been approved,	Can DDMI please confirm that this is	The Phase 7 design, management plan and PK
		there is the possibility of removing	still an option and explain whether this	depsoition plan would not technically preclude the
		extra fine processed kimberlite from	option would be affected by the Phase	possibility of moving extra fine processed kimberlite
		the PKCF and depositing it into mine	7 design and management plan and PK	from the PKC and depositing it into the mine
		workings.	deposition?	workings. However, as discussed with TG, there are
		-		currently no plans to do this.
No	Торіс	Reviewer Comment	Reviewer Recommendation	Proponent Response
Wek' e	ezhii Renewable	Resources Board - Mrs. Randi Jennings		
1	Processed	The WRRB have no comments at this	The WRRB have no recommendations	N/A
	Kimberlite	time.	at this time.	
	Management			
	Plan Version 6			
2	Updated	The WRRB have no comments at this	The WRRB have no recommendations	N/A
	Design Reports	time.	at this time.	
	for the			
	Processed			
	Kimberlite			
	Containment			
	Facility (PKCF)			
	Phase 7 Dam			
	Raise and			
	Spillway			
No		Reviewer Comment	Reviewer Recommendation	Proponent Response
l				

Envir	onmental Moni	toring Advisory Board EMAB		
1	General	DDMI has conditional approval for	See below	N/A
	Comment	construction of a Phase 7 raise of the		
		dams for the Processed Kimberlite		
		Containment Facility (PKCF) – subject		
		to review and approval of final design		
		documents. However, the approved		
		management plan and design did not		
		consider the now approved plan for		
		disposal of fine processed kimberlite		
		(FPK) in the mine workings (A418 and		
		A154 pits and underground). The		
		PKMP v6 and Updated Design		
		incorporate plans for disposal of FPK		
		and coarse PK (CPK) in the PKCF until		
		October 2022 and continued disposal		
		of CPK until the end of planned mine		
		life. The storage of FPK in mine		
		workings reduces the overall required		
		capacity in the PKCF, therefore leading	5	
		to changes in the design for the final		
		raise of dams.		
2	General	The revised design entails construction	See below	N/A
	Comment	of a small dam, 4 to 6 m in elevation		
		and constructed of CPK, on top of PK		
		at locations inside of the upstream		
		liner on the existing PKCF dams. The		
		proposed CPK dam will surround most		
		of the PKCF, but will not extend to the		
		northwest corner of the facility. At		
		that location, the design includes a		
		sump that will accumulate water from		
		runoff and from PK, and a spillway to		

		discharge excess water to Pond 3. The PKMP v6 envisions FPK discharged from spigots on the CPK dam will flow towards the spillway at the northwest corner of the PKCF, creating a PK beach that extends across the whole facility. The concept is referred to in the Updated Design as the "slope-to- spillway" concept.		
3	General	If it proceeds as planned, the slope-to-	See below	N/A
	Comment	spillway concept appears to have		
		merit from a closure perspective. The		
		design envisions that FPK will flow		
		across and displace the central pond in		
		the PKCF, providing a FPK layer over the extra-fine PK (referred to as		
		slimes) in that area. This may remove		
		some closure challenges associated		
		with the PKCF Pond, providing a		
		surface that is more conducive to		
		cover placement for closure, and a		
		landscape that can promote runoff		
		from the facility rather than water		
		retention, ponding and infiltration. If		
		successful, the proposed PKMP v6 and		
		Updated Design could have an overall		
		positive impact on the closure		
		outcomes for the PKCF and the site.		
4	General	At the same time however, the	See below	N/A
	Comment	proposed plan appears to foreclose on		
		any future opportunities to relocate		
		Extra Fine PK into mine workings		
		because those materials will likely be		

		quickly inundated by the newly deposited FPK. Disposal of Extra Fine PK in mine workings would provide secure long-term storage for materials that currently present closure challenges.		
5	General Comment	Unfortunately, DDMI has not provided or described any detail for a revised closure plan for the PKCF, though the Updated Design references a February 2021 Closure Design. In the absence of a closure plan, it is not possible to reach conclusions about the likely	planning and design must be integral with mine development/operations planning. DDMI should be required to demonstrate that it has a practical and feasible closure plan for the proposed PKMP, and characterize the implications of the changes on the overall closure plan for the site.	Please see response to TG-1. The PKC Closure Design /Plan will be submitted with Final CRP around October 2022 but we expect to initiate engagment on the proposed closure approach over the next ~6 months. In an ideal world it would be preferable to review both the closure design and Phase 7 design at the same time but since the Phase 7 design and management plan informs closure designs (they set the starting conditions for closure) the final closure designs will be informed by the final raise design and management plans.
6	Differential Settlement	The creation of a landscape that will shed water across the PKCF and out the spillway (i.e., no pond) in the post- closure period is a significant advantage of the proposed slope-to- spillway concept. However, the long- term performance of the landscape, specifically maintaining slopes that will shed water, has significant uncertainty. The area of the PKCF Pond, with Extra Fine PK (i.e., slimes) will dewater and consolidate very slowly, likely over a time period of decades. As the Extra Fine PK consolidates, the closure surface will deform. Because the slopes of the FPK		N/A

		surface will be quite flat, the		
		consolidation of Extra Fine PK may		
		lead to ponding on the surface of the		
		closure cover, potentially to depths		
		that may be greater than the thickness		
		of any rock cover. The variability in	,	
		FPK characteristics across the PKCF		
		(e.g., frozen layers, coarser/finer		
		material, wetter/drier material, ice-		
		entrainment) could lead to similar		
		issues at other locations. Also, the		
		thicker FPK adjacent to the proposed		
		CPK dam with thinner FPK near the		
		northwest corner of the PKCF will tend		
		to flatten the final slope of the PKCF		
		surface over time as the material		
		consolidates. This flattening of a		
		surface with an initial flat grade will		
		likely affect the runoff-related		
		performance of the surface.		
7	Differential	The PKMP v6 refers to the 2011	Any approval of the PKMP v6 and the	The consolidation and settling of the facility is a key
	Settlement		,	component of the current ongoing closure design.
		(ICRP) for additional details about	requirements for monitoring and	This component will be included in the current closure
		plans for characterization of FPK		designs for the PKCF, and incorporated into the PKMP
		(Section 4.2) and porewater (Section		at a later date.
		4.3), including issues related to	across the PKCF. The monitoring	
			should be used to support prediction	
			of long-term settling characteristics,	
		be updated to reflect the revised	which can then form the basis for	
		management plans.	development of long-term monitoring	
			and maintenance plans for the closure	
			surface.	
8	Construction	The PKMP and Updated Design	See below	N/A

on PK	propose construction of a CPK dam on	
	top of existing unconsolidated PK	
	materials, including previously created	
	FPK beaches. These materials are	
	variable, for example coarser and	
	finer, frozen/unfrozen, wetter and	
	drier, etc. As a result, the materials	
	have varying strengths and	
	performance as foundation materials	
	for the proposed dam/embankment.	
	The stability analyses presented in the	
	Updated Design indicate that the	
	material variability leads to associated	
	variability in expected structural	
	performance and stability. The	
	stability analysis predicts low factors	
	of safety for some areas of the West	
	Cell Causeway, where the dam is	
	partially constructed on top of	
	undrained grit-poor FPK. DDMI	
	proposes that the concerns about	
	stability can be addressed through	
	"controls to manage slope stability"	
	(Updated Design, Section 8.6).	
	Construction controls associated with	
	these areas are described as follows in	
	Section 9.1 of the design: "Where the	
	upstream edge of the CPK road	
	extends onto the FPK beach (West Cell	
	Causeway), additional construction	
	monitoring is recommended, and	
	construction must be completed when	
	the FPK beach is frozen. If possible,	

		traffic should be limited on the		
		upstream side of the CPK spigot road		
		after construction and particularly if		
		there is active deposition in the area		
		or ponded water. The upstream pipe		
		bench or safety berm should be		
		widened to keep traffic away from the		
		upstream side of the road."		
9	Construction	DDMI's Geotechnical Review Board, in	See helow	N/A
5	on PK	its memo included with the Updated		
	on n	Design, notes the challenges		
		associated with construction of the		
		containment facilities on foundations		
		of FPK and suggests that this will		
		require a high level of engineering.		
		The Review Board proposes several		
		investigations, analyses, calibrations		
		and design criteria that should be		
		completed and incorporated into the		
		design, and monitoring that should be		
		conducted during and after		
		construction. DDMI appears to have		
		addressed many of the		
		recommendations, e.g., experience		
		with similar construction, presence of		
		variable frozen and thawed ground.		
		Others however have not been		
		addressed, for example the		
		recommendation for more		
		conservative factors of safety to		
		reflect uncertainties in FPK		
		performance, or any detailed		
		description of more intensive		

		monitoring that will be done in areas constructed on FPK.		
10	Construction on PK	With respect to monitoring, the Quality Control and Quality Assurance Plan (Section 5 of the Construction Specifications in Appendix C of the Updated Design) describes monitoring and construction control activities. However, the monitoring related to CPK placement only appears to describe activities related to the raise	it has addressed each of the suggestions from the Geotechnical Review Board about construction of the CPK embankment on FPK foundations. In addition, DDMI should provide details about construction quality assurance/quality control for the CPK embankment, including what construction monitoring, triggers and response plans will be applied in areas where material will be placed on FPK beaches.	DDMI and Golder met with the Diavik Geotechnical Review Board (DGRB) on 28 May 2021 to discuss the updated Phase 7 final raise and spillway designs, includling supporting analyses and construction plans. Comments from the DGRB letter (28 May 2021) were addressed in the final version of the Golder Phase 7 final raise design and spillway design reports. As noted in the Table of Conformity to DGRB Recommendations on the Updated Phase 7 Raise and Spillway, comments from the DGRB relating to upstream CPK construction were related to construction safety and not related to concerns for potential loss of FPK containment. DDMI operations have been placing CPK over the FPK since degrit process was started in June 2016, and existing operational experience and proceedures were used to inform the final design. Areas of stability concern have operational monitoring plans that were developed by Golder and DDMI and are currently being implemented.
11	Closure Liability	Although the slope-to-spillway concept provides opportunities for improved closure outcomes, it also creates interim conditions that may increase the closure liability while the	include a reconsideration of the peak	DDMI notes that the current topography of FPK in the PKCF already supports the slope-to-spillway concept if the mine closed today.

	topography will require placement of additional fill or other measures. As long as the mine plan proceeds as described, the topography will be created by placement of FPK. However, if the mine closes earlier than expected, implementation of a closure plan may require additional effort to establish appropriate topography on the PKCF.		
12 Coarse PK for Erosion Protection	Design describe a raise of the CPK road around the northwest corner of the	suitability of CPK material for erosion protection in wave run-up conditions.	The CPK zone is approximately 50 m to 100 m wide upstream of the lined dams and provides a buffer between the pond and the lined dams. The pond will only be along the North and West Dams, and contained by the FPK beaches around the rest of the facility. An approximately 100 m section along the North Dam adjacent to the decant sump pond has a narrow (less than 10 m) zone of CPK, but is protected by CPK to the east and west. The North Dam is also buttressed by the NCRP downstream. We are planning to maintain a minimal PKC pond and the FPK sloped to spillway geometry will restrict the pond storage volume and location to the northwest corner of the facility. The size and depth of the pond will limit wave up rush. Potential wave erosion would only be over the short flood event duration (PMP or EDF), which is a 24 hour event. The Phase 7 final raise design includes a rockfill berm constructed around the perimeter of the elev. 469 m crest and along the sides of the spillway channel. The berm will be constructed to approximately elev. 471 m at the downstream toe of the CPK zone and provides additional protection

				for wave uprush. During an extreme flood event, the maximum pond elevation is 468.9 m (2.1 m below the top of the rockfill berm), and the spillway invert is 468.2 m.
13	Spillway	The PKCF Phase 7 Spillway Design Update describes a spillway that is "expected to be in operation until the closure spillway is constructed." Table 1 of the updated spillway design indicates that closure spillway design requirements have been adopted for the design of the Phase 7 spillway chute. Meeting the more robust closure design requirements for an operational spillway is a good approach. Nonetheless, there are some components of the operational spillway design that may not be appropriate in a closure and post- closure scenario and which would require re-design and modification as part of closure implementations. For example, the cemented rockfill erosion protection proposed for some portions of the operational spillway may not have a design life that is appropriate for closure. If retained it would have implications for long-term		The spillway design will be assessed as part of closure and the design will be updated, including rationale, as required to support closure.
14	Water	maintenance if retained for closure. Section 3.2 of the PKMP v6 describes	DDMI should revise the objective	
	Management			Section 3.2 of the PKMP will be revised to state that
	Objectives	that: "The PKCF storage capacity		DDMI continues to maintain enough storage to hold
		(including Pond 3) is maintained to	management expectations.	an IDF for the PKCF and Pond 3 catchments without

ensure sufficient storage for a 1:500-	discharge to Lac de Gras. The Updated Design for the
year storm event (environmental	IDF is a Probable maximum precipitation (PMP) event
design flood). In case of an extreme	(rain on snow), which is significantly larger than a
event, such as an Inflow Design Flood	1:500 year-event. DDMI requests that it be allowed to
(greater than 1:500-year storm) the	make this revision to the text in Section 3.2 in a PKMP
spillway permits excess water to	V6.1 submission to the WLWB after Board approval of
discharge from the PKCF to Pond 3."	PKMP V6.
The objective s stated suggests that	
Pond 3 capacity is sufficient for storing	
a 1:500-year event, implying that	
water from an Inflow Design Flood	
(IDF) may exceed the capacity of the	
pond. The Updated Design identifies	
the IDF as "a Probable maximum	
precipitation (PMP) event (rain on	
snow). The objective as stated is not	
consistent with other statements in	
the plan. For example, Section 3.4.1	
states: "DDMI continues to maintain	
enough storage to hold an IDF for the	
PKCF and Pond 3 catchments without	
discharge to Lac de Gras." Similarly,	
Section 3.6 states: "Throughout this	
dam raise sequence the facility will	
maintain adequate freeboard to pass	
an IDF through the spillway to Pond 3	
which will maintain sufficient	
freeboard to store an IDF for the	
combined PKCF and Pond 3 catchment	
without discharge to the	
environment." The objective also	
states that the IDF will lead to flow	
from the PKCF to Pond 3. Since Pond	

		3 provides the storage for the IDF as		
		well as much smaller events(likely		
		including a 1:500-year event), flow		
		from the PKCF to Pond 3 would be		
		expected at flows well below the IDF.		
15	2021 Freshet Activities	Section 3.5, PKCF Pond Management, describes several activities that are to be undertaken before and during freshet 2021.	Since freshet 2021 has passed, DDMI should describe the results of these activities and also describe plans for future freshets.	Following freshet in spring 2021, the water management of the facility was managed through a facility trigger action response plan (TARP), pumping, depositional strategy, and use of Pond 3 via the PKC spillway. The reporting conducted during freshet included biweekly (every two weeks) reports for the WLWB. Additional decanting infrastructure was setup for Pond 3 and ensured the water level could be managed with enough storage for the PKC facility IDF through Spring 2021.
				Future freshets will be managed with simialr robust controls. Additional water storage in the PKCF will be available for Spring 2022, as part of the completion of the Phase 7 spillway which will raise the spillway ~3.5m.
16	SEC Review	attached is a technical review of the documents	please see attached technical review from Slater Environmental	DDMI has addressed requests for clarifications in Section 7.0 of the referenced Technical Memo, prepared by Slater Environmental on behalf of EMAB, in our responses to EMAB # 14 and 15 above.
No	Торіс	Reviewer Comment	Reviewer Recommendation	Proponent Response
WLWB	- Kassandra Del	Francis		
No	Торіс	Reviewer Comment	Reviewer Recommendation	Proponent Response
WLWB	- Kassandra Del	Francis		
1	Pond	DDMI states in the cover letter that	Please describe the water	The central pond in the main cell of the PKCF is
	management	the CPK raise "will not retain a pond";	management activities for the main	managed and mitigated through deposition. Pond will
	-	however, in section 9.2 of the Design	cell pond.	be maintained below the lined dams at elevation 469
		Report, DDMI states that "the pond		m in a slope-to-spillway configuration. Ongoing

		may extend into the Main Cell upstream of the CPK zones along the North and West dams". In Section 3.5 of the PK Management Plan, DDMI states "Specifically, the pond is expected to be managed toward the NW corner of the Facility where an additional water management structure will be installed and progressively decrease the overall pond size" but does not comment on the main cell pond specifically.		deposition in a slope to spillway configuration from the east, north, and south into the main cell has shifted the pond from a central location towards the northwest. With the pond shifted towards the NW the NW Decant Sump is used to manage the water levels for the main cell pond.
2	Part 2 of 6 of the PKCF Phase 7 Design Reports	DDMI states that "DDMI will likely continue to operate the PKC Facility with a minimal pond in the decant sump area" but "the pond may extend into the Main Cell upstream of the CPK zones along the North and West	the pond could develop on the south side above the dam liner at 469m? If so, describe any implications to the integrity of the liner on the south side and any contingency measures that may be required to maintain the integrity of the liner.	As a result of CPK berm placement , and FPK slurry deposition from the CPK berm in a slope-to-spillway geometry, excess process water is to be directed towards the pond located in the northwest corner of the PKC Facility, with decant water reporting to the NW decant sump. If the FPK Deposition plan is followed there is not a condition for the main PKC pond to develop above the spillway invert of 468.2 m. In the final raise design report (Figure 8-3) a phreatic surface representing a worst case condition for saturated and thawed PK that could develop locally in an area of active deposition is shown. This condition was used as a conservative input to slope stability modelling. It is unlikely that active FPK deposition would result in saturation to this level and saturation above the main PKC pond elevation would only be a temporary condition, draining once deposition is complete and moved to another location.
3	PKC Facility	"The PKC Facility closure prefeasibility		The slope-to-spillway FPK deposition plan is beneficial to both "dry" and "wet" cover approaches to closure. One closure implication of note with regard to the FPK

		CPK and competent FPK" and that this "closure design is based on a slope to	the PKC Facility Plan, please discuss the implications of proceeding with this step in advance of an approved Closure Design.	deposition is that it has fixed the location of the closure spillway. See also response to TG-1.
		closure design". Currently there is no approved Closure Design for the PKC Facility.		
4	Engineered spillway	Board's (DGRB's) letter, the DGRB states that it "supports the strategy to slope the deposition surface toward the spillway; allowing the spillway to flow more routinely to Pond 3 under various freshet, summer melt and extreme rainfall events". The DGRB recommended that "Since Pond 3 will be used more routinely to accept overflow from the PKC, an engineered spillway design should be considered, rather than a low spot in the dike". DDMI responded that an "Assessment of Pond 3 was undertaken and the existing spillway was determined to be sufficient based on the capacity of Pond 3 and the facility risk rating". It is	effective for erosion control than a low spot in the dike.	Excess water from the PKC Facilty reports to Pond 3 and is pumped on to the north inlet. The available storage capacity in Pond 3 was a key factor in evaluating whether the Pond 3 spillway needed to be upgraded because the pond storage capacity can be used to manage storm events (for the PKC Facility and Pond 3), such that the spillway is not used. Pond 3 storage is approximately 1.2 times larger than the IDF (PMP) volume (for the combined PKC Facility and Pond 3) and 2.5 times larger than the EDF volume. In the event of either an EDF or IDF, the excess storm runoff reports to Pond 3 where it can be stored and then pumped over time to the north inlet. DDMI has developed a water management monitoring and trigger action response plan (TARP) for the PKC Facility and Pond 3 to ensure that the water level in Pond 3 is maintained below an elevation to maintain storage for the IDF in Pond 3. The Pond 3 spillway is
		unclear why the capacity of Pond 3 was a main factor in determining the need for an engineered spillway. The DGRB's recommendation appears to		very unlikely to be used due to the large storage capacity and thefore is unlikely to have erosion. The PKC Spillway is expected to be used somewhat regularly for smaller flows (much less than the IDF);

		be concerned with notential creation of		however erection is unlikely because the spillway has
		be concerned with potential erosion of		however, erosion is unlikely because the spillway has
		the PKC spillway material from		been designed to manage much higher flows (IDF).
		increased use and DDMI's response		
		did not address this.		
5	comment on bedding material for the spillway chute	of bedding material for the rockfill protective layer may provide additional resilience for the spillway chute". DDMI responded that "A finer- grained bedding layer below the spillway chute rockfill lining material is	perform as intended, please comment on whether adding a protective bedding material after construction of the spillway could be considered as a contingency and describe any additional contingencies for the spillway chute.	The rockfill erosion protection layer in the PKC spillway chute is designed to provide protection during flows from an IDF (PMP) event. Flows through the spillway and chute that are expected to occur somewhat regularly will be much less than IDF flows, so erosion is very unlikely. The rockfill lined chute will be inspected regularly and repaired as required with suitable rockfill for erosion protection that is available on site if any areas of erosion are observed.
No			Reviewer Recommendation	Proponent Response
		ent and Natural Resources) - Mr. Patrick		
		,		
ľ	Updated Phase 7 DRSDR		ENR Cover Letter	N/A
2	Topic: General	ENR retained Brodie Consulting Ltd. to	None	N/A
	Design	review the PKCF Phase 7 Design		
		report. ENR has incorporated		
		comments from BCL below. In general,		
		the design appears to BCL and ENR to		
		have been conducted with		
		considerable diligence and attention		
		to detail.		

	Capacity	tailings surface by sloping towards the	confirm sufficient storage volume	have elevated TSS, but this water would be managed
		closure spillway, with a progressively	and/or pumping capacity to manage	and settled in Pond 3 before being pumped to the
		smaller pond as this will enhance the	the runoff from the PKCF.	north inlet. The available storage capacity in Pond 3 is
		implementation of the closure cover.		sufficient to manage storm events (for the PKC Facility
		However, it appears that there is a risk		and Pond 3), such that the spillway is not expected to
		should there be a severe flood event		be used. Pond 3 storage is approximately 1.2 times
		when pond volume is reduced to the		larger than the IDF (PMP) volume (for the combined
		minimal capacity of 500 m3. ENR		PKC Facility and Pond 3) and 2.5 times larger than the
		notes that it is likely that runoff from		EDF volume. In the event of either an EDF or IDF, the
		exposed PK beaches will have elevated		excess storm runoff would report to Pond 3 where it
		TSS, and if there is water that cannot		can be stored and then pumped over time to the
		be managed at Pond 3, there could be		north inlet. DDMI has developed a water
		an overflow from Pond 3 to the		management monitoring and trigger action response
		environment.		plan (TARP) for the PKC Facility and Pond 3 to ensure
				that the water level in Pond 3 is maintained below an
				elevation to maintain storage for the IDF in Pond 3.
				Sediment in Pond 3 and the North Inlet will be
				addressed as part of closure.
4	Topic:	ENR notes that the CRF proposed for	1) ENR recommends that DDMI clarify	The Phase 7 spillway is an operational spillway with a
	Cemented	closure is proposed to be 20cm thick.	the potential for the cement binder to	design life of approximately 5 years, and not the
	Rock-fill (CRF)	ENR is uncertain if the cement binder	crack due to thermal effects and/or	closure spillway. The CRF is constructed over filter
	Spillway	may crack due to thermal effects	settlement and describe how this	compatible granular materials, so erosion is unlikely
		and/or settlement.	could affect spillway stability.	even if there is localized cracking and some seepage
				gets through. Seepage is expected to report to Pond
				3. If cracking is significant enough that extensive
				seepage is getting through and there are concerns for
				erosion or disruption to spillway flows, the cracking
				can will be mitigated with localized grouting or other
				methods to seal the cracks. Performance of the CRF
				was evaluated with the Phase 6 spillway design and
				construction and no significant issues were
				encountered over the past year.

No	Торіс	Reviewer Comment	Reviewer Recommendation	Proponent Response
Enviror	ment and Clima	te Change Canada (ECCC) - Melissa Pin	to	
Enviror 1	Processed Kimberlite Containment Facility - Updated Phase 7 Final Raise Design, Section 2.6.1 Evaluation of Thermal Conditions in FPK	The proponent indicates that some thawed layers were encountered in	ECCC recommends the proponent clarify what the causes are of the thawed layers and what mitigation wil be implemented to address any resulting issues from these thawed layers.	FPK deposition out of the spigots is a thawed warm slurry. Areas of FPK beach that are thawed (above 0° IC) have not yet frozen since being deposited. FPK generally freezes shortly after deposition in the winter, but areas deposited during above 0 °C ambient temperatures are thawed and then progressively freeze over time. This results in interlayered frozen and thawed layers in the FPK beach. Frozen conditions in the FPK beach provide the lowest risk for potential upstream slope instability (construction safety) during CPK placement, but frozen conditions are only a requirement in areas where CPK placement extends over the FPK beach beyond the current upstream CPK zone. Installation of thermistors is planned to confirm thermal conditions in the FPK foundation below the upstream Slope stability of the Phase 7 final raise that could be associated with a potential FPK beach.
No		presence of the thawed layers. Reviewer Comment	Reviewer Recommendation	Proponent Response
		anada (DFO) - Nicholas Wasilik		
1	Processed	Fisheries and Oceans Canada has reviewed the information provided	Fisheries and Oceans Canada has no recommendations at this time.	N/A

	Management	and has no comments at this time.				
	Plan, Version					
	6.0, and					
	Updated Phase					
	7 Dam Raise					
	and Spillway					
	Design Reports					
No	Торіс	Reviewer Comment	Reviewer Recommendation	Proponent Response		
Diavik I	Diavik Diamond Mines (2012) Inc Kyla Gray					
1		See DDMI's Attached Cover Letter	N/a			

# RioTinto

Diavik Diamond Mines (2012) Inc. P.O. Box 2498 Suite 300, 5201-50th Avenue Yellowknife, NT X1A 2P8 Canada T (867) 669 6500 F 1-866-313-2754

Joseph Mackenzie, Chair Wek'èezhìi Land and Water Board PO Box 32 Wekweètì, NT X1A 3S3 Canada

07 September 2021

Dear Mr. Mackenzie:

#### Subject: DDMI Response to Reviewer Comments on the Processed Kimberlite Management Plan, Version 6

Please find attached Diavik Diamond Mines (2012) Inc.'s (DDMI) response to Reviewer comments on the Processed Kimberlite Management Plan Version 6 (PK Management Plan V6) and the related designs for the updated Phase 7 Final Raise and Spillway for the Processed Kimberlite Containment Facility (PKCF).

DDMI wishes to highlight the following points included in its response to Reviewer comments:

- Commitment to revisions/updates to specific text in the PK Management Plan V6;
- Water in the PKCF will be maintained below the lined dams at elevation 469 m;
- Once operational, the rockfill lined chute of the PKCF Spillway will be inspected regularly and repaired as required with suitable rockfill for erosion protection that is available on site if any areas of erosion are observed;
- The slope-to-spillway deposition plan for fine processed kimberlite (FPK) allows flexibility regarding closure options i.e. this deposition approach will be beneficial to either a "dry" or a "wet" cover design for the PKCF; and
- While the implementation of the Phase 7 design, the PK Management Plan V6, and the slope-to-spillway deposition approach for FPK would not technically preclude the possibility of moving extra fine PK from the PKCF and depositing it into the mine workings, there are currently no plans to re-mine the extra fine PK for this purpose.

DDMI requests that it be allowed to submit an updated PK Management Plan as Version 6.1 that addresses its commitment to updates/revisions to specific text on conclusion of the Board's current review process. As noted in the original submission of the referenced package to the Board, if the PK Management Plan V6 and associated design reports are approved by the WLWB, DDMI intends to commence and complete construction of the Phase 7 final raise and Phase 7 spillway within the short construction window in late Summer/early Fall 2021 before the Winter months. Prior to construction, DDMI will submit



a written notification regarding the planned earthworks as per Part E, Condition 5 of the Diavik Water Licence.

DDMI's response to Reviewer comments has been uploaded to the Board's Online Review System. If you have any questions regarding the attached submission, please contact the undersigned.

Yours sincerely,

Kofi Boa-Antwi Superintendent, Environment

cc: Anneli Jokela, WLWB Kassandra De Francis, WLWB Environmental Protection Operations Directorate Prairie & Northern Region 5019 52<sup>nd</sup> Street, 4<sup>th</sup> Floor P.O. Box 2310 Yellowknife, NT X1A 2P7



ECCC File: 5100 000 015/006 WLWB File: W2015L2-0001

August 31, 2021

via online review system

Kassandra DeFrancis Regulatory Specialist Wek'èezhìi Land and Water Board 1-4905 48th Street Yellowknife, NT X1A 3S3

Dear Kassandra DeFrancis:

### RE: W2015L2-0001 – Diavik Diamond Mines Inc. – Diavik Diamond Mine – Processed Kimberlite Management Plan Version 6.0 and Phase 7 Dam Raise and Spillway Design Reports

Environment and Climate Change Canada (ECCC) has reviewed the information submitted to the Wek'èezhìi Land and Water Board (WLWB) regarding the above mentioned plan and reports. This letter and the attached comments provides ECCC's specialist advice based on our mandate pursuant to the *Canadian Environmental Protection Act* and the pollution prevention provisions of the *Fisheries Act*.

If you need more information, please contact me at 867-445-5384 or Melissa.Pinto@ec.gc.ca.

Sincerely,

[original signed by]

Melissa Pinto Senior Environmental Assessment Coordinator

Attachment(s): ECCC Comments Excel Sheet

cc: Jody Small, Acting Head, Environmental Assessment North (NT and NU)





Environmental Protection Operations Directorate Prairie & Northern Region 5019 52<sup>nd</sup> Street, 4<sup>th</sup> Floor P.O. Box 2310 Yellowknife, NT X1A 2P7



ECCC File: 5100 000 015/006 WLWB File: W2015L2-0001

August 31, 2021

via online review system

Kassandra DeFrancis Regulatory Specialist Wek'èezhìi Land and Water Board 1-4905 48th Street Yellowknife, NT X1A 3S3

Dear Kassandra DeFrancis:

### RE: W2015L2-0001 – Diavik Diamond Mines Inc. – Diavik Diamond Mine – Processed Kimberlite Management Plan Version 6.0 and Phase 7 Dam Raise and Spillway Design Reports

Environment and Climate Change Canada (ECCC) has reviewed the information submitted to the Wek'èezhìi Land and Water Board (WLWB) regarding the above mentioned plan and reports. This letter and the attached comments provides ECCC's specialist advice based on our mandate pursuant to the *Canadian Environmental Protection Act* and the pollution prevention provisions of the *Fisheries Act*.

If you need more information, please contact me at 867-445-5384 or Melissa.Pinto@ec.gc.ca.

Sincerely,

[original signed by]

Melissa Pinto Senior Environmental Assessment Coordinator

Attachment(s): ECCC Comments Excel Sheet

cc: Jody Small, Acting Head, Environmental Assessment North (NT and NU)





Government of Gouvernement des Northwest Territories Territoires du Nord-Ouest

August 31, 2021

Joseph Mackenzie Chair Wek'èezhii Land and Water Board #1-4905 48<sup>th</sup> Street Yellowknife, NT X1A 3S3

Dear Mr. Mackenzie,

**Diavik Diamond Mines Inc.** Re: Water Licence - W2015L2-0001 **Processed Kimberlite Management Plan Version 6.0 and Updated Phase 7 Dam Raise and Spillway Design Reports Request for Comment** 

The Department of Environment and Natural Resources, Government of the Northwest Territories has reviewed the information at reference based on its mandated responsibilities under the Waters Act. ENR comments and recommendations have been submitted to the On-line Review System for the consideration of the Board.

Comments and recommendations were provided by ENR technical experts the Water Management and Monitoring Division and were coordinated and collated by the Environmental Assessment and Monitoring Section (EAM), Environmental Stewardship and Climate Change Division.

Technical questions on this submission can be addressed by:

Laura Malone: Regulatory and Science Advisor, Water Management and Monitoring Division by email at Laura Malone@gov.nt.ca or (867) 767-9234 Ext: 53105.

For general questions about this submission, please contact Patrick Clancy, Environmental Regulatory Analyst by email at <u>Patrick Clancy@gov.nt.ca</u> or 867-767-9234 Ext. 53096.

Sincerely,

Allaf

Patrick Clancy Environmental Regulatory Analyst Environmental Assessment and Monitoring Section Environmental Stewardship and Climate Change Division Department of Environment and Natural Resources Government of the Northwest Territories

## **Executive Summary**

Slater Environmental Consulting reviewed DDMI's *Processed Kimberlite Management Plan, Version* 6.0 (PKMP v6), including the *Processed Kimberlite Containment Facility, Updated Phase 7 Final Raise Design* (Updated Design). The review specifically considered any potential effects on the proposed closure plan.

The approval to deposit Processed Kimberlite (PK) in mine pits means that there will be less PK to be stored in the Processed Kimberlite Containment Facility (PKCF). The smaller storage requirements have led to proposed changes in PK management and design of the PKCF.

DDMI proposes to construct a 4-6 m high dam on top of the PK already stored in the facility. The dam will extend around most of the PKCF, except at the northwest corner. The dam will be inside of the existing dams and will not be a raise of the existing dams. At the northwest corner, DDMI plans to create a pond and a new spillway. The spillway is intended to allow floods to safely flow off of the PKCF and into Pond 3. Fine PK will be discharged from pipes along the new dam, and will flow across the PKCF surface towards the northwest corner. DDMI expects this to create a final PKCF surface that slopes towards the spillway. DDMI expects that the current pond near the centre of the PKCF will be covered as the Fine PK flows across the surface.

DDMI's proposed updated plan as some potential advantages for closure of the PKCF. If successful, the slope-to-spillway concept will create a surface that will promote runoff of water. It should also allow cover placement over the entire surface of the PKCF, without leaving a pond containing slimes. However, the approach will also mean that removal of slimes and placement in pits will no longer be an option. DDMI has started closure design for the revised PKCF, but has not yet provided a closure plan.

The variable PK conditions in the PKCF will present challenges for the proposed approach. Some of the existing PK, for example the slimes, will settle more when new PK flows over top. As a result, the final surface may have low areas that will hold water and created ponds. This variable settlement could also affect the covers. Detailed monitoring will be needed, along with plans for long-term maintenance.

Construction of the proposed dam on top of existing Fine PK can be unpredictable. Some types of materials could cause stability concerns. DDMI's Geotechnical Review Board noted the challenges and identified the need for a high level of engineering for this dam. Detailed quality assurance/quality control plans as well as response plans with clear triggers will be needed if the proposed project proceeds.

The following additional issues should be addressed if the proposed plan is approved:

- Potential increase in closure liability during the operational period, before all Fine PK is in place.
- Coarse PK may not provide sufficient erosion protection in some areas.
- The proposed spillway, while okay for operations, includes some elements that are likely not suitable for closure.

# Memorandum

To:	John McCullum, EMAB
From:	Bill Slater
Date:	August 26, 2021
<b>D</b> .	

#### Re: Processed Kimberlite Management Plan, V6.0

I have reviewed Diavik Diamond Mines Inc.'s (DDMI) *Processed Kimberlite Management Plan, Version 6.0* (PKMP v6), including the *Processed Kimberlite Containment Facility, Updated Phase 7 Final Raise Design* (Updated Design). My review was conducted in accordance with the scope included in your email of August 5, 2021, focusing on the impacts of the proposed revised plan and design on mine closure. This memo provides my comments about the PKMP v6 and the Updated Design, beginning with some general comments about the proposed concept, and then providing some more detailed comments, and finally identifying some minor clarifications.

## 1.0 <u>General Comments</u>

As you know, DDMI has conditional approval for construction of a Phase 7 raise of the dams for the Processed Kimberlite Containment Facility (PKCF) – subject to review and approval of final design documents. However, the approved management plan and design did not consider the now approved plan for disposal of fine processed kimberlite (FPK) in the mine workings (A418 and A154 pits and underground). The PKMP v6 and Updated Design incorporate plans for disposal of FPK and coarse PK (CPK) in the PKCF until October 2022 and continued disposal of CPK until the end of planned mine life. The storage of FPK in mine workings reduces the overall required capacity in the PKCF, therefore leading to changes in the design for the final raise of dams.

The revised design entails construction of a small dam<sup>1</sup>, 4 to 6 m in elevation and constructed of CPK, on top of PK at locations inside of the upstream liner on the existing PKCF dams. The proposed CPK dam will surround most of the PKCF, but will not extend to the northwest corner of the facility. At that location, the design includes a sump that will accumulate water from runoff and from PK, and a spillway to discharge excess water to Pond 3. The PKMP v6 envisions FPK discharged from spigots on the CPK dam will flow towards the spillway at the northwest corner of the PKCF, creating a PK beach that extends across the whole facility. The concept is referred to in the Updated Design as the "slope-to-spillway" concept.

If it proceeds as planned, the slope-to-spillway concept appears to have merit from a closure perspective. The design envisions that FPK will flow across and displace the central pond in the PKCF, providing a FPK layer over the extra-fine PK (referred to as slimes) in that area. This may remove some closure challenges associated with the PKCF Pond, providing a surface that is more

<sup>&</sup>lt;sup>1</sup> In this memo, I have used the term dam or embankment for simplicity and clarity. DDMI refers to a proposed "*CPK Berm to be constructed upstream of the elevation 469 dam raise.*" However, the proposed facility is a barrier constructed for the retention of FPK tailings deposited as a slurry. The FPK will not stand in place on its own and therefore the berm serves as a dam for retention of the material.

conducive to cover placement for closure, and a landscape that can promote runoff from the facility rather than water retention, ponding and infiltration. If successful, the proposed PKMP v6 and Updated Design could have an overall positive impact on the closure outcomes for the PKCF and the site.

At the same time however, the proposed plan appears to foreclose on any future opportunities to relocate Extra Fine PK into mine workings because those materials will likely be quickly inundated by the newly deposited FPK. Disposal of Extra Fine PK in mine workings would provide secure long-term storage for materials that currently present closure challenges.

Unfortunately, DDMI has not provided or described any detail for a revised closure plan for the PKCF, though the Updated Design references a February 2021 Closure Design. In the absence of a closure plan, it is not possible to reach conclusions about the likely balance of pros and cons related to closure of the facility and its effects on the overall closure plan for the site. As with all mine planning, closure planning and design must be integral with mine development/operations planning. DDMI should be required to demonstrate that it has a practical and feasible closure plan for the proposed PKMP, and characterize the implications of the changes on the overall closure plan for the site.

## 2.0 <u>Differential Settlement</u>

The creation of a landscape that will shed water across the PKCF and out the spillway (i.e., no pond) in the post-closure period is a significant advantage of the proposed slope-to-spillway concept. However, the long-term performance of the landscape, specifically maintaining slopes that will shed water, has significant uncertainty. The area of the PKCF Pond, with Extra Fine PK (i.e., slimes) will dewater and consolidate very slowly, likely over a time period of decades. As the Extra Fine PK consolidates, the closure surface will deform. Because the slopes of the FPK surface will be quite flat, the consolidation of Extra Fine PK may lead to ponding on the surface of the closure cover, potentially to depths that may be greater than the thickness of any rock cover. The variability in FPK characteristics across the PKCF (e.g., frozen layers, coarser/finer material, wetter/drier material, ice-entrainment) could lead to similar issues at other locations. Also, the thicker FPK adjacent to the proposed CPK dam with thinner FPK near the northwest corner of the PKCF will tend to flatten the final slope of the PKCF surface over time as the material consolidates. This flattening of a surface with an initial flat grade will likely affect the runoff-related performance of the surface.

The PKMP v6 refers to the 2011 Interim Closure and Reclamation Plan (ICRP) for additional details about plans for characterization of FPK (Section 4.2) and porewater (Section 4.3), including issues related to consolidation and settlement. Plans for characterization of PK will need to be updated to reflect the revised management plans.

Any approval of the PKMP v6 and the Updated Design should include requirements for monitoring and investigation of settling and consolidation and their variability across the PKCF. The monitoring should be used to support prediction of long-term settling characteristics, which can then form the basis for development of long-term monitoring and maintenance plans for the closure surface.

## 3.0 <u>Construction on PK</u>

The PKMP and Updated Design propose construction of a CPK dam on top of existing unconsolidated PK materials, including previously created FPK beaches. These materials are variable, for example coarser and finer, frozen/unfrozen, wetter and drier, etc. As a result, the materials have varying strengths and performance as foundation materials for the proposed dam/embankment. The stability analyses presented in the Updated Design indicate that the material variability leads to associated variability in expected structural performance and stability. The stability analysis predicts low factors of safety for some areas of the West Cell Causeway, where the dam is partially constructed on top of undrained grit-poor FPK. DDMI proposes that the concerns about stability can be addressed through "controls to manage slope stability" (Updated Design, Section 8.6). Construction controls associated with these areas are described as follows in Section 9.1 of the design:

Where the upstream edge of the CPK road extends onto the FPK beach (West Cell Causeway), additional construction monitoring is recommended, and construction must be completed when the FPK beach is frozen. If possible, traffic should be limited on the upstream side of the CPK spigot road after construction and particularly if there is active deposition in the area or ponded water. The upstream pipe bench or safety berm should be widened to keep traffic away from the upstream side of the road.

DDMI's Geotechnical Review Board, in its memo included with the Updated Design, notes the challenges associated with construction of the containment facilities on foundations of FPK and suggests that this will require a high level of engineering. The Review Board proposes several investigations, analyses, calibrations and design criteria that should be completed and incorporated into the design, and monitoring that should be conducted during and after construction. DDMI appears to have addressed many of the recommendations, e.g., experience with similar construction, presence of variable frozen and thawed ground. Others however have not been addressed, for example the recommendation for more conservative factors of safety to reflect uncertainties in FPK performance, or any detailed description of more intensive monitoring that will be done in areas constructed on FPK.

With respect to monitoring, the Quality Control and Quality Assurance Plan (Section 5 of the Construction Specifications in Appendix C of the Updated Design) describes monitoring and construction control activities. However, the monitoring related to CPK placement only appears to describe activities related to the raise of dams from elevation 473 m to 475 m, not the construction of the CPK dam/embankment. Section 2.7 of the Updated Design describes monitoring and response plans that have been used previously during construction on FPK beaches, but there is no clear indication that this same approach would be followed. The design, in Section 9.1, acknowledges that plans will be needed but does not provide details.

DDMI should describe specifically how it has addressed each of the suggestions from the Geotechnical Review Board about construction of the CPK embankment on FPK foundations. In addition, DDMI should provide details about construction quality assurance/quality control for the CPK embankment, including what construction monitoring, triggers and response plans will be applied in areas where material will be placed on FPK beaches.

# 4.0 <u>Closure Liability</u>

Although the slope-to-spillway concept provides opportunities for improved closure outcomes, it also creates interim conditions that may increase the closure liability while the mine is operating. During operations, the FPK beach will lead to a pond in the northwest corner of the PKCF. Once this geometry is in place, the creation of free draining closure topography will require placement of additional fill or other measures. As long as the mine plan proceeds as described, the topography will be created by placement of FPK. However, if the mine closes earlier than expected, implementation of a closure plan may require additional effort to establish appropriate topography on the PKCF.

Any approval of the PKMP v6 should include a reconsideration of the peak closure liability that will accumulate during operations, including consideration of the costs associated with establishing free draining closure topography if the mine closes after the new plan is implemented, but before adequate FPK has been placed.

## 5.0 <u>CPK for Erosion Protection</u>

Sections 6.3 and 9.2 of the Updated Design describe a raise of the CPK road around the northwest corner of the PKCF and propose that this raise can function to provide freeboard for wave up-rush. The Updated Design describes the CPK as "*fine- to coarse-grained sand as the major constituent with some fine-grained gravel as the minor constituent.*" The sand material will likely be prone to erosion at the proposed slopes, and the minor component of gravel will likely not be sufficient to provide effective self-armouring. As a result, the CPK material may not be effective or appropriate for erosion protection from wave run-up. DDMI should be required to provide analysis that demonstrates the suitability of CPK material for erosion protection in wave run-up conditions.

## 6.0 <u>Spillway</u>

The PKCF Phase 7 Spillway Design Update describes a spillway that is "*expected to be in operation until the closure spillway is constructed.*" Table 1 of the updated spillway design indicates that closure spillway design requirements have been adopted for the design of the Phase 7 spillway chute. Meeting the more robust closure design requirements for an operational spillway is a good approach. Nonetheless, there are some components of the operational spillway design that may not be appropriate in a closure and post-closure scenario and which would require re-design and modification as part of closure implementations. For example, the cemented rockfill erosion protection proposed for some portions of the operational spillway may not have a design life that is appropriate for closure. If retained it would have implications for long-term maintenance if retained for closure. Any approval for the operational spillway should specifically state that approval is only for operational purposes and that updated design, rationale and potentially modification will be required to support closure.

# 7.0 <u>Clarifications</u>

- 1. Section 3.2 of the PKMP v6 describes water management objectives, stating that: "The PKCF storage capacity (including Pond 3) is maintained to ensure sufficient storage for a 1:500-year storm event (environmental design flood). In case of an extreme event, such as an Inflow Design Flood (greater than 1:500-year storm) the spillway permits excess water to discharge from the PKCF to Pond 3." The objective s stated suggests that Pond 3 capacity is sufficient for storing a 1:500-year event, implying that water from an Inflow Design Flood (IDF) may exceed the capacity of the pond. The Updated Design identifies the IDF as "a Probable maximum precipitation (PMP) event (rain on snow). The objective as stated is not consistent with other statements in the plan. For example, Section 3.4.1 states: "DDMI continues to maintain enough storage to hold an IDF for the PKCF and Pond 3 catchments without discharge to Lac de Gras." Similarly, Section 3.6 states: "Throughout this dam raise sequence the facility will maintain adequate freeboard to pass an IDF through the spillway to Pond 3 which will maintain sufficient freeboard to store an IDF for the combined PKCF and Pond 3 catchment without discharge to the environment." The objective also states that the IDF will lead to flow from the PKCF to Pond 3. Since Pond 3 provides the storage for the IDF as well as much smaller events(likely including a 1:500-year event), flow from the PKCF to Pond 3 would be expected at flows well below the IDF. DDMI should revise the objective statement to reflect the intent to store the IDF and to clarify the water management expectations.
- 2. Section 3.5, PKCF Pond Management, describes several activities that are to be undertaken before and during freshet 2021. Since freshet 2021 has passed, DDMI should describe the results of these activities and also describe plans for future freshets.

### **Distribution** List

#### Board: Wek'eezhi Land and Water Board

Project: Diavik Processed Kimberlite Management Plan, Version 6.0, and Updated Phase 7 Dam Raise and Spillway Design Reports

File(s): W2015L2-0001 Proponent: Diavik Diamond Mines (2012) Inc.

Comments Due Date: Tuesday, August 24, 2021 4:06 PM UTC

Response Due Date: Tuesday, August 31, 2021 4:06 PM UTC

**Documents:** 

Diavik - Updated PKCF Phase 7 Design Reports - Part 1 of 6 - Jul 24\_21 Diavik - Updated PKCF Phase 7 Design Reports - Part 2 of 6 - Jul 24\_21 Diavik - Updated PKCF Phase 7 Design Reports - Part 3 of 6 - Jul 24\_21 Diavik - Updated PKCF Phase 7 Design Reports - Part 6 of 6 - Jul 24\_21 Diavik - Updated PKCF Phase 7 Design Reports - Part 4 of 6 - Jul 24\_21 Diavik - Updated PKCF Phase 7 Design Reports - Part 4 of 6 - Jul 24\_21 Diavik - Updated PKCF Phase 7 Design Reports - Part 5 of 6 - Jul 24\_21 Diavik - Updated PKCF Phase 7 Design Reports - Part 5 of 6 - Jul 24\_21 Diavik - PK Management Plan V6 - Jul 24\_21

**Contacts:** 

Kassandra DeFrancis - kdefrancis@wlwb.ca Anneli Jokela - ajokela@wlwb.ca

#### Users:

Organization	User	Email
Akaitcho IMA Implementation Office (AIM A)	Stephanie Poole	screeningofficer@eastarm.com
Canadian Northern Economic Development A gency (CanNor)	Adrian Paradis	adrian.paradis@canada.ca
CIRNAC-CARD	Russell Wykes	russell.wykes@canada.ca
Community Government of Behchoko	Clifford Daniels	clifforddaniels@tlicho.com
Community Government of Behchoko	Ritalene Gon	landoffice@behchoko.ca
Community Government of Behchoko	Treeva Richardson	sao@behchoko.ca
Community Government of Gameti	Gameti SAO	sao@gameti.org
Community Government of Wekweeti	Wekweeti SAO	wekwetisao@northwestel.net
Community Government of Whati	Alfonz Nitsiza	alfonznitsiza@tlicho.com
Community Government of Whati	Whati SAO	sao@whati.ca
Dene Nation	Trevor Teed	lands@denenation.com
Deninu K'ue First Nation (DKFN)	Louis Balsillie	admin@dkfn.ca
Deninu K'ue First Nation (DKFN)	Patrick Simon	patricksimon777@yahoo.ca
Deninu K'ue First Nation (DKFN)	Richard Simon	ima@dkfn.ca
WLWB	Meghan Schnurr	meghan.schnurr@canada.ca
Diavik Diamond Mines (2012) Inc.	Kofi Boa-Antwi	Kofi.Boa-Antwi@riotinto.com
Diavik Diamond Mines (2012) Inc.	Stephen Bourn	Stephen.Bourn@riotinto.com
Diavik Diamond Mines (2012) Inc.	Colleen English	colleen.english@riotinto.com

Note     Tensor     System     System       Davk Damond Mare (2012) Inc.     Card Matchaudig Journet com     Card Matchaudig Journet com       Davk Damond Mare (2012) Inc.     Las Matchaudig Journet com     davk patterious (2012) Inc.       Davk Damond Mare (2012) Inc.     Davk Damond Mare (2012) Inc.     Davk Damond Mare (2012) Inc.       Davk Damond Mare (2012) Inc.     Davk Damond Mare (2012) Inc.     Davk Damond Mare (2012) Inc.       Davk Damond Mare (2012) Inc.     Davk Damond Mare (2012) Inc.     Davk Damond Mare (2012) Inc.       Davk Damond Mare (2012) Inc.     Davk Damond Mare (2012) Inc.     Davk Damond Mare (2012) Inc.       Davk Damond Mare (2012) Inc.     Davk Damond Mare (2012) Inc.     Davk Damond Mare (2012) Inc.       Davk Damond Mare (2012) Inc.     Davk Damond Mare (2012) Inc.     Davk Damond Mare (2012) Inc.       Davk Damond Mare (2012) Inc.     Davk Damond Mare (2012) Inc.     Davk Damond Mare (2012) Inc.       Davk Damond Mare (2012) Inc.     Davk Damond Mare (2012) Inc.     Davk Damond Mare (2012) Inc.       Davk Damond Mare (2012) Inc.     Davk Damond Mare (2012) Inc.     Inc.       Davk Damond Mare (2012) Inc.     Davk Damond Mare (2012) Inc.     Inc.       Davk Damond Mare (2012) Inc.     Davk Davk Davk Davk DavkDavkDavkD	Diavik Diamond Mines (2012) Inc.	Nicole Goodman	nicole.goodman@riotinto.com
David Discond Mines (2012) Inc.     Gord Mun2bould     Gird Marchaudghvierms.com       David Diamod Mines (2012) Inc.     David Marchaudghvierms.com     david patterosoficitotis com       David Diamod Mines (2012) Inc.     Seas Shicitic     teas Marchaudghvierms.com       David Diamod Mines (2012) Inc.     David Marchaudghvierms.com     david patterosoficitotis com       David Diamod Mines (2012) Inc.     David Wile     David Marchaudghvierms.com       David Diamod Mines (2012) Inc.     Haley Water     Vierner Haley Giotanto.com       David Diamod Mines (2012) Inc.     Haley Water     Vierner Haley Giotanto.com       Cryo     recentrative Grand (Click     ECC CE A     eccentrative Grand Action       Cryo     revierner and Clinere Change Croude (CC     Car-Lyn Eppe     arit Apr.app.Giotanta.co       Cryo     revierner and Clinere Change Croude (CC     Alles Frahmen     Arnes Constaft Output and Action of Aprices of Status       Environment Monitoring Advisory Board     Ine Brute     Bark Constaft Output and Action of Aprices of Status       Environment Monitoring Advisory Board     Ine Grann Theore Change Croude (CC     Environment of Aprice Croude (CC       Environment Monitoring Advisory Board     Jane Constaft Output and Apreson Canada     Aller Frahmen Ontontot A			
Dark Diamond Mase (2012) Inc.     The Marchinetic     Tau Marchinetightonian com       Dark Diamond Mase (2012) Inc.       Dark Diamond Mase (2012) Inc.     Dark Mase (2012) Inc.     Dark Mase (2012) Inc.     Dark Mase (2012) Inc.       Dark Diamond Mase (2012) Inc.     Haley Winte     Water Haley@fromto.com       Dark Diamond Mase (2012) Inc.     Haley Winte     Water Haley@fromto.com       Dark Diamond Mase (2012) Inc.     Haley Winte     Water Haley@fromto.com       Environment and Clinase Change Canada (EC      Ecc:-EA     ccccentrolingmon-canorthymewit.coc@canada.cc       Environment and Clinase Change Canada (EC     Cat-1yn Eog     (art-1yn Eog)     (art-1yn Eog)       Environmental Monitoring Advisory Board     Tim Hyces     hycess@mymes.act     (art-1yn Eog)       Environmental Monitoring Advisory Board     Junn Davis     Junn Davis     Junn Davis     Junn Davis       Fabries and Oceans Canada     Net Fabries Frontection Program     Risherica Concels     Hale Science Concels     Hale Science Concels       Fabries and Oceans Canada     Nicholas Walisk     Risherica Concels@Monopog.cc     Hale Science Teseforeallev <td></td> <td></td> <td></td>			
David: Diemond Mines (2012) Inc.     David Patterson     divid patterson@ristina.com       David: Diamond Mines (2012) Inc.     David Vells     David Vells     David Vells       David: Diamond Mines (2012) Inc.     David Vells     David Vells     David Vells       David: Diamond Mines (2012) Inc.     Halky Velter     Winter-HalvyStroitins.com       David: Diamond Mines (2012) Inc.     Halky Velter     Construction of the co			-
Davik Diamond Miles (2012) Inc.     Sem Succlair     sem.cmcbit@pinfma.com       Davik Diamond Miles (2012) Inc.     David Wiles     Divid Wiles     Divid Wiles (2012) Inc.       Davik Diamond Miles (2012) Inc.     Hibly Wiles     Wiles (114) Gilly (2014) Inc.     Divid Wiles       Enviconment and Clinate Change Canada (EC     Carl-Lyn Epp     carl-lyn spp@ranada.ca       Enviconment and Clinate Change Canada (EC     Carl-Lyn Epp     carl-lyn spp@ranada.ca       Enviconment and Clinate Change Canada (EC     Anna Craham     Anna Craham       Enviconment and Clinate Change Canada (EC     Anna Craham     anna Craham       Enviconment Andonizing Advisory Board     Tim Epyse     bysexs@inyma.ne       Enviconment Andonizing Advisory Board     Im BANB     emah2@individual-logicanada.ca       Enviconment Andonizing Advisory Board     Im AAB     emah2@individual-logicanada.ca       Enviconment Andonizing Advisory Board     Iw AAB     Emah2@individual-logicanada.ca <td>, , ,</td> <td></td> <td></td>	, , ,		
Insert Disson Misse (2012) Inc.     David Wells     Divid Wells     Divid Wells       Divid Disson Misse (2012) Inc.     Hady Winter     Winter Haby@riotino.com       Divid Disson Change Canada (IC			
Insert Diamond Muise (2012) Inc.     Haley Winne     WinnerHaley@riotion.com       Environment and Clinate Change Canada (EC     ECC-EA     ec.emorthynno-emorthynnovt.ec@canada.co       C.J.     Carl-lyn.ppp@randa.ca     carl-lyn.ppp@randa.ca       C.J.     Carl-lyn.ppp@randa.ca     Carl-lyn.ppp@randa.ca       C.J.     Arma Graham     Arma Graham     Arma Graham       Environment Adminioning Advisory Board     EMAB     emabl@prothweat.ac     Emitoring advisory Board       Environment Adminioning Advisory Board     Allion Rodwang     emabl@prothweat.ac     Emitoring advisory Board       Environment Adminioning Advisory Board     Allion Rodwang     emabl@prothweat.ac     Emitoring advisory Board       Environment Adminioning Advisory Board     Lynn Dupuis     Lynn Dupuis@Utor.pap.gc.a       Esherics and Coens Canada     Nel Fibert     Nel Fibert     Nel Fibert       Esherics and Coens Canada     Tation 1 Acters Environ     Tationa 1 Acters Environment Methody Board Environment Graham Acters Environment Methody Board Environment Graham Acters Environment Acters Environment Acters Environment ENVICES       Esherics and Coens Canada     Natio Acters Environment Coentage/Environment Environment Environment Graham Acters Environment Environment Environment Environment Environment Environment Environment Environment			
Ervironment and Climate Change Canada (EE C) Ervironment and Climate Change Canada (E C) Ervironment and Monitoring Advisory Board Ervironment and Monitoring Advisory Board Ervironment and Monitoring Advisory Board Ervironment and Monitoring Advisory Board Ervironment and Schwisory Board Ervironment and Monitoring Advisory Board Ervironment and Schwisory Board Ervironment Cosmos Canada Date Cosmos Ervironment Cosmos Canada Differ Ervironment Cosmos Ervironment Cosmos Canada Differ Ervironment Cosmos Ervironment Cosmos Canada Differ Ervironment and Nation Cosmos Cosmos Canada Divid-Scott McQuinn Divid-Scott McQuinn Cosmos Canada Cosmos Canada Divid-Scott McQuinn Divid-Scott McQuinn Divid-Scott McQuin			
CO     In ECCUPYA     Reference of the pain-feed of the pain of the transmission of transmission of the transmission of transmis of transmission of transmission		Haley Winter	Winter.Haley@riotinto.com
CC     Contriguing (an explicit of the second of t	CC)	ECCC-EA	ec.eenordrpntno-eanorthpnrnwt.ec@canada.ca
CC     And Granum     Attitud Cranue/genatic di       Larvionnental Monitoring Advicory Board     Im Byers     byerses@unymis.net       Larvionnental Monitoring Advicory Board     Allion Rodvang     embl2@northwestl.net       Esherics and Oceans Canada     Dan Combis     lamil.Chanue/genatic.et       Esherics and Oceans Canada     Lym Dupuis     lym.Dupuis@elfo-mpo.gc.ca       Esherics and Oceans Canada     Neil Fisher     Neil:Fisher@elfo-mpo.gc.ca       Esherics and Oceans Canada     Rick Gervais     Richard.Gervais@elfo-mpo.gc.ca       Esherics and Oceans Canada     Rick Gervais     Richard.Gervais@elfo-mpo.gc.ca       Esherics and Oceans Canada     Nije McLelan     fisheriesprotection@flfo-mpo.gc.ca       Esherics and Oceans Canada     Nije McLelan     fisheriesprotection@flfo-mpo.gc.ca       Esherics and Oceans Canada     Nije McLelan     infolios wasflin@flfo-mpo.gc.ca       Esherics and Oceans Canada     Nije McLelan     infolioswasfl		Cari-Lyn Epp	cari-lyn.epp@canada.ca
Eavicoumental Monitoring Advisory Board EMAB enabl@northwestel.net Eavicoumental Monitoring Advisory Board Allison Rodwang enabl@northwestel.net Eavienmental Monitoring Advisory Board Des Coombs deniel.coombs@dfio-mpo.gc.ca Fisheries and Oceans Canada IJynn Dupuis Fisheries and Oceans Canada Neil Fisher Fisheries and Oceans Canada Neil Fisher Fisheries and Oceans Canada Rick Gevuis Fisheries and Oceans Canada Rick Gevuis Fisheries and Oceans Canada Rick Gevuis Fisheries and Oceans Canada Tatiana Leclerc-Beaulieu Fisheries and Oceans Canada Angie McLellan angie.mcclellan@dfo-mpo.gc.ca Fisheries and Oceans Canada Nicholas Wasilik Richard.Gevuis@dfo-mpo.gc.ca Fisheries and Oceans Canada Angie McLellan angie.mcclellan@dfo-mpo.gc.ca Fisheries and Oneans Canada Angie McLellan angie.mcclellan@dfo-mpo.gc.ca GIVWI - FNR - FAM (Environment FRMG FRMG FRWIG Fravitonment (Shawn Mckay) fmcewvironmet@northwestel.net and Monitoring Joson Mauchan info@forwardmining.ca GIVWI - FNR - FAM (Environment and Natural Re aret: and Monitoring) David-Scott McQuinn David-Scott McQuinn@gov.nt.ca GIVWI - FNR (Environment and Natural Re aret: and Monitoring) David-Scott McQuinn David-Scott.AcQuinn@gov.nt.ca GIVWI - FNR (Environment and Natural Re aurces) Central Eanal GIVWI GIVWI - FNR (Environment and Natural Re aurces) Lee Ann Malural Re aurces) Reben (Environment and Natural Re aurces) Reben (Environment and Natural Re aurces) Gill Somes Gila. Somes:		Anna Graham	Anna.Graham2@canada.ca
Environmental Monitoring Advisory Board     Allison Rodwang     enab2@northwestel.net       Fisheries and Oceans Canada     Lynn Dupuis     Lynn.Dupuis@dfo-mpo.gc.ca       Fisheries and Oceans Canada     Hing Group Fisheries Protection Program     fisheries/endo-mpo.gc.ca       Fisheries and Oceans Canada     Rick Gervais     Richard Gervais@dfo-mpo.gc.ca       Fisheries and Oceans Canada     Rick Gervais     Richard Gervais@dfo-mpo.gc.ca       Fisheries and Oceans Canada     Angie McLidan     angie.uc/Eidam@dfo-mpo.gc.ca       Fisheries and Oceans Canada     Angie McLidan     angie.uc/Eidam@dfo-mpo.gc.ca       Fisheries and Oceans Canada     Angie McLidan     angie.uc/Eida@dfo-mpo.gc.ca       Fisheries and Oceans Canada     Nicholas Wesliki     richolas.wasilk@dfo-mpo.gc.ca       Fisheries and Oceans Canada     Angie McLidan     angie.uc/Eida@dfo-mpo.gc.ca       Fisheries and Oceans Canada     Angie McLidan     angie.uc/Eida@dfo-mpo.gc.ca       Gilw Sort	Environmental Monitoring Advisory Board	Tim Byers	byerses@mymts.net
Fisheries and Oceans Canada     Dan Coombs     danicl.coombs@dito.mpo.gc.ca       Fisheries and Oceans Canada     Iyun Dupuis     Livn.Dupuis@dito.mpo.gc.ca       Fisheries and Oceans Canada     Nell Fisher     Nell Fisher@dito.mpo.gc.ca       Fisheries and Oceans Canada     Triage Group Fisheries Protection Program     fisheriesprotection@dito.mpo.gc.ca       Fisheries and Oceans Canada     Angie McLellan     angio.mclellan@dito.mpo.gc.ca       Fisheries and Oceans Canada     Nichols Vasilik     indoas.textiogdito.mpo.gc.ca       Forward Mining     Jason Mauchan     indo@forwardmining.ca       GLWB     AlexSandra Mcclonald     amacdonal@glycb.com       GLWU - NN - Naw Ray Region     David-Scott McQuinn     David-scott_MQuin@gov.nt.ca       GNWT - NN (Environment and Natural Resources)     Resources     Robert Jenkins       GNWT - NN (Environment and Natural Resources)     Ise Ann Malley     Ise Ann_Malley@gov.nt.ca       GNWT - ENR (Environment and Natural Resour	Environmental Monitoring Advisory Board	EMAB	emab1@northwestel.net
Fisheries and Oceans Canada   Lynn Dupuis   Lynn.Dupuis@dfo-mpo.gc.ca     Fisheries and Oceans Canada   Triage Group Fisheries Protection Program   fisheriesprotection@dfo-mpo.gc.ca     Fisheries and Oceans Canada   Triage Group Fisheries Protection Program   fisheriesprotection@dfo-mpo.gc.ca     Fisheries and Oceans Canada   Titian Ledect-Desulbeu   Tatian Ledect-Desulbeu@dfo-mpo.gc.ca     Fisheries and Oceans Canada   Nicholas Wastlik   micholas wastlik@dfo-mpo.gc.ca     Fisheries and Oceans Canada   Nicholas Wastlik   micholas wastlik@dfo-mpo.gc.ca     Fort Resolution Metis Government   FRMG FRMG Environment(Shawn Mckay)   fmcenvironment@northwestel.net     Fort Resolution Metis Government   FRMG FRMG Environment(Shawn Mckay)   fmcenvironment@northwestel.net     Fort Resolution Metis Government   FRMG FRMG David-Scott McQuim   macconald@gbw.com     GNWT - ENR - North Slave Region   David-Scott McQuim   David-Scott_McQuim@gov.nt.ca     GNWT - ENR (Environment and Natural Res ources)   Robert Jenkins@gov.nt.ca   Robert Jenkins@gov.nt.ca     GNWT - ENR (Environment and Natural Res ources)   Bill Pain   bill_pain@gov.nt.ca     GNWT - ENR (Environment and Natural Res ources)   Gila Somers   Gila Somers     GNWT - ENR (Environment and Natural Res ources)	Environmental Monitoring Advisory Board	Allison Rodvang	emab2@northwestel.net
Fisheries and Oceans Canada     Nell Fisher     Nell Fisheries       Fisheries and Oceans Canada     Träge Group Fisheries Protection Program     fisheries protection@dfo-mpo.gc.ca       Fisheries and Oceans Canada     Trätan Leler-Beaulleu     Trätan Leler-Beaulleu@dfo-mpo.gc.ca       Fisheries and Oceans Canada     Angie McLolan     angie.mcLala@dfo-mpo.gc.ca       Fisheries and Oceans Canada     Angie McLolan     angie.mcLala@dfo-mpo.gc.ca       Fisheries and Oceans Canada     Nicholas Wasilik     nicholas.wasili@dfo-mpo.gc.ca       For Resolution Meis Covernment     FRMG FRMG Environment (Shawn Mckay)     frmcenvironmet@formdformtwestel.net       For Resolution Meis Covernment     FRMG FRMG Environment (Shawn Mckay)     frmcenvironmet@formdformtwestel.net       GNWT - ENR - FAM (Environmental Assess     Cenral Email GNWT     gnvt_ca@gov.nt.ca       GNWT - ENR (Environment and Natural Resources)     Patrick Clancy     patrick_clancy@gov.nt.ca       GNWT - ENR (Environment and Natural Resources)     Robert Jenkins     Robert Jenkins@gov.nt.ca       GNWT - ENR (Environment and Natural Resources)     Lee Ann Malley     LeeAnn_Malley@gov.nt.ca       GNWT - ENR (Environment and Natural Resources)     Bill Pain     bill_pain@gov.nt.ca       GNWT - ENR (Environment and Natural R	Fisheries and Oceans Canada	Dan Coombs	daniel.coombs@dfo-mpo.gc.ca
Fisheries and Oceans Canada Triage Group Fisheries Protection Program fisheriesprotection@dfo-mpo.gc.ca   Fisheries and Oceans Canada Rick Gervais Richard.Cervais@dfo-mpo.gc.ca   Fisheries and Oceans Canada Datiana Lecler-Beaulieu Tatiana Lecler-Beaulieu@dfo-mpo.gc.ca   Fisheries and Oceans Canada Nicholas Wsilik aicholas wsilik@dfo-mpo.gc.ca   Fisheries and Oceans Canada Nicholas Wsilik aicholas wsilik@dfo-mpo.gc.ca   Fort Resolution Metis Covernment FRMG FRMG Environment (Shawn Mckay) fmcewironmen@dfo-mino.gc.ca   GLWB AlecSandra Macdonal info@forwardmining.ca   GLWB AlecSandra Macdonald amacdonald@glwb.com   GNWT - ENR - EAM (Environmental Assess ment and Monitoring) Central Email GNWT gnwt_es@gov.nt.ca   GNWT - ENR (Environment and Natural Res ources) David-Scott McQuinn David-Scott McQuinn@gov.nt.ca   GNWT - ENR (Environment and Natural Res ources) Batick Clancy patick_clancy@gov.nt.ca   GNWT - ENR (Environment and Natural Res ources) Batine_mcgregor@gov.nt.ca McGregor laurie_mcgregor@gov.nt.ca   GNWT - ENR (Environment and Natural Res ources) Bill Pain bill_pain@gov.nt.ca   GNWT - ENR (Environment and Natural Res ources) Bill Pain bill_pain@gov.nt.ca   GNWT - ENR (Environment and Natural Res ources) Gila Sonners Gila Sonners	Fisheries and Oceans Canada	Lynn Dupuis	Lynn.Dupuis@dfo-mpo.gc.ca
Fisheries and Oceans Canada     Triage Group Fisheries Protection Program     fisheriesprotection@dfo-mpo.gc.ca       Fisheries and Oceans Canada     Rick Gevais     Richard.Cevais@dfo-mpo.gc.ca       Fisheries and Oceans Canada     Ratian Lecter-Beaulieu     Triage Group Fisheries       Fisheries and Oceans Canada     Angie McLellan     angie.mclella@dfo-mpo.gc.ca       Fisheries and Oceans Canada     Nicholas Wstilk     nicholas wstilk@dfo-mpo.gc.ca       Fort Resolution Metis Government     FRMG FRMG Environment (Shavn Mckay)     frmcenvironment@onthwestel.net       Forward Mining     Jason Mauchan     info@forwardmining.ca       GLWB     AlecSandra Macdonald     amacdonald@glwb.com       GNWT - ENR - EAM (Environmental Asses meet and Monitoring)     Central Email GNWT     gnwt_es@gov.nt.ca       GNWT - ENR (Environment and Natural Res ources)     Partick Clancy     partick_clancy@gov.nt.ca       GNWT - ENR (Environment and Natural Res ources)     Lee Ann Malley     LeeAnn_Malley@gov.nt.ca       GNWT - ENR (Environment and Natural Res ources)     Bill Pain     bill_pain@gov.nt.ca       GNWT - ENR (Environment and Natural Res ources)     Bill Pain     bill_pain@gov.nt.ca       GNWT - ENR (Environment and Natural Res ources)     Bill Pain     bill_	Fisheries and Oceans Canada	Neil Fisher	Neil.Fisher@dfo-mpo.gc.ca
Fisheries and Oceans Canada     Rick Gervais     Richard. Gervais@dtfo-mpo.gc.ca       Fisheries and Oceans Canada     Tatiana Leder-Teaulieu     Tatiana Leder-Teaulieu@dtfo-mpo.gc.ca       Fisheries and Oceans Canada     Angie McLellan     angie.mclellan@dtfo-mpo.gc.ca       Fisheries and Oceans Canada     Nicholas Wasilik     nicholas wasili@dto-mpo.gc.ca       For Resolution Metis Government     FRMG FRMG Environment (Shawn Mckay)     fracenvironment@porthwestel.net       Forward Mining     Jason Mauchan     nicfo@forwardmining.ca       GNWT - ENR - EAM (Environmental Assess     Central Email GNWT     gpwt_ea@gov.nt.ca       GNWT - ENR - Norh Slave Region     David-Scott McQuinn     David-Scott_McQuinn@gov.nt.ca       GNWT - ENR (Environment and Natural Resources)     Robert Jenkins     Robert Jenkins@gov.nt.ca       GNWT - ENR (Environment and Natural Resources)     Robert Jenkins     Robert Jenkins@gov.nt.ca       GNWT - ENR (Environment and Natural Resources)     Bill Pain     bill_pain@gov.nt.ca       GNWT - ENR (Environment and Natural Resources)     Bill Pain     bill_pain@gov.nt.ca       GNWT - ENR (Environment and Natural Resources)     Gila Somers     Gila_Somers@gov.nt.ca       GNWT - ENR (Environment and Natural Resources)     Gila Somers	Fisheries and Oceans Canada	Triage Group Fisheries Protection Program	
Fisheries and Oceans Canada   Tatiana Leclerc-Beaulieu   Tatiana Leclerc-Beaulieu@dfo-mpo.g.c.a     Fisheries and Oceans Canada   Angie McIellan   angie.mclella@dfo-mpo.g.c.a     Fisheries and Oceans Canada   Nicholas Wasilik   nicholas.wasilik@dfo-mpo.g.c.a     Fort Resolution Metis Government   FRMG FRMG Environment (Shawn Mckay)   fmccenvironmen@onthvestel.net     Fort Resolution Metis Government and Mater Sandra Macdonald   anacdonald@glvb.com     GNWT - ENR - EAM (Environmental Assess   Central Email GNWT   gmvt_ea@gov.nt.ca     GNWT - ENR (Environment and Natural Resources)   Central Email GNWT   garick_clancy@gov.nt.ca     GNWT - ENR (Environment and Natural Resources)   Robert Jenkins   Robert Jenkins@gov.nt.ca     GNWT - ENR (Environment and Natural Resources)   Lee Ann Malley   LeeAnn_Malley@gov.nt.ca     GNWT - ENR (Environment and Natural Resources)   Lee Ann Malley   laurie_mcgregor@gov.nt.ca     GNWT - ENR (Environment and Natural Resources)   Bull Pain   bill_pain@gov.nt.ca     GNWT - ENR (Environment and Natural Resources)   Gila Somers   Gila Somers     GNWT - ENR (Environment and Natural Resources)   Bull Pain   bill_pain@gov.nt.ca     GNWT - ENR (Environment and Natural Resources)   Gila Somers   Gila_Somers@gov.nt.ca			
Fisheries and Oceans Canada   Angie McLellan   angie.mclellan@dfo-mpo.gc.ca     Fisheries and Oceans Canada   Nicholas Wasilik   nicholas.wasilik@dfo-mpo.gc.ca     For Resolution Metis Government   FRMG FRMG FRMG Environment (Shawn Mckay)   frmcenvironment@northwestel.net     Forward Mining   Jason Mauchan   info@forwardmining.ca     GLWB   AlecSandra Macdonald   amacdonald@glwb.com     GNWT - ENR - EAM (Environmental Assess   Central Email GNWT   gnwt_e@gov.nt.ca     GNWT - ENR North Slave Region   David-Scott McQuinn   David-Scott McQuinn@gov.nt.ca     GNWT - ENR (Environment and Natural Resources)   Robert Jenkins   Robert_Jenkins@gov.nt.ca     GNWT - ENR (Environment and Natural Resources)   Robert Jenkins   Robert_Jenkins@gov.nt.ca     GNWT - ENR (Environment and Natural Resources)   Bill Pain   bill_pain@gov.nt.ca     GNWT - ENR (Environment and Natural Resources)   Bill Pain   bill_pain@gov.nt.ca     GNWT - ENR (Environment and Natural Resources)   Gila Somers   Gila_Somers@gov.nt.ca     GNWT - ENR (Environment and Natural Resources)   Gill Pain   bill_pain@gov.nt.ca     GNWT - ENR (Environment and Natural Resources)   Gila Somers   Gila_Somers@gov.nt.ca     GNWT - ENR (Environment and Natural Resources)<			
Fisheries and Oceans Canada   Nicholas Wasilik   nicholas.wasilik@dfo-mpo.gc.ca     Fort Resolution Metis Government   FRMG FRMG Environment (Shavn Mckay)   frmcenvironment@northwestel.net     Forward Mining   Jason Mauchan   info@iowardmining.ca     GLWB   AlecSandra Macdonald   amacdonald@glwb.com     GNWT - ENR - EAM (Environmental Asses   Central Email GNWT   gnwt.ea@gov.nt.ca     GNWT - ENR (Environment and Natural Res   David-Scott McQuinn   David-Scott_McQuinn@gov.nt.ca     GNWT - ENR (Environment and Natural Res   Robert Jenkins   Robert_Jenkins@gov.nt.ca     GNWT - ENR (Environment and Natural Res   Lee Ann Malley   LeeAnn_Malley@gov.nt.ca     GNWT - ENR (Environment and Natural Res   Lee Ann Malley   LeeAnn_Malley@gov.nt.ca     GNWT - ENR (Environment and Natural Res   Jaurie_mcgregor@gov.nt.ca McGregor   laurie_mcgregor@gov.nt.ca     GNWT - ENR (Environment and Natural Res   Bill Pain   bill_pain@gov.nt.ca     GNWT - ENR (Environment and Natural Res   Gila Somers   Gila_Somers@gov.nt.ca     Gurces)   Gila Somers   Gila_Somers@gov.nt.ca     GNWT - ENR (Environment and Natural Res   Rick Walbourne   Rick_Walbourne@gov.nt.ca     GNWT - ENR (Environment and Natural Res   Gila Somers			
Fort Resolution Metis Government     FRMG FRMG Environment (Shawn Mckay)     frmcenvironment@northwestel.net       Forward Mining     Jason Mauchan     info@forwardmining.ca       GLWB     AlecSandra Macdonald     amacdonald@glwb.com       GWT - ENR - FAM (Environmental Assess ment and Monitoring)     Central Enail GNWT     gnwt_ce@gov.nt.ca       GNWT - ENR - North Slave Region     David-Scott McQuinn     David-Scott McQuinn@gov.nt.ca       GNWT - ENR (Environment and Natural Res ources)     Patrick Clancy     patrick_clancy@gov.nt.ca       GNWT - ENR (Environment and Natural Res ources)     Robert Jenkins     Robert_Jenkins@gov.nt.ca       GNWT - ENR (Environment and Natural Res ources)     Lee Ann Malley     LeeAnn_Malley@gov.nt.ca       GNWT - ENR (Environment and Natural Res ources)     Bill Pain     bill_pain@gov.nt.ca       GNWT - ENR (Environment and Natural Res ources)     Bill Pain     bill_pain@gov.nt.ca       GNWT - ENR (Environment and Natural Res ources)     Bill Pain     bill_pain@gov.nt.ca       GNWT - ENR (Environment and Natural Res ources)     Bill Pain     bill_pain@gov.nt.ca       GNWT - ENR (Environment and Natural Res ources)     Gila Somers     Gila_Somers@gov.nt.ca       GNWT - ENR (Environment and Natural Res ources)     Gila Somers <td></td> <td></td> <td></td>			
Forward Mining   Jason Mauchan   info@forwardmining.ca     GLWB   AlecSandra Macdonald   amacdonald@glwb.com     GNWT - ENR - EAM (Environmental Assess ment and Monitoring)   gnwt_ea@gov.nt.ca     GNWT - ENR - North Slave Region   David-Scott McQuinn   David-Scott_McQuinn@gov.nt.ca     GNWT - ENR (Environment and Natural Resources)   Patrick Clancy   patrick_clancy@gov.nt.ca     GNWT - ENR (Environment and Natural Resources)   Robert Jenkins   Robert_Jenkins@gov.nt.ca     GNWT - ENR (Environment and Natural Resources)   Lee Ann Malley   LeeAnn_Malley@gov.nt.ca     GNWT - ENR (Environment and Natural Resources)   Lee Ann Malley   LeeAnn_Malley@gov.nt.ca     GNWT - ENR (Environment and Natural Resources)   Bill Pain   bill_pain@gov.nt.ca     GNWT - ENR (Environment and Natural Resources)   Bill Pain   bill_pain@gov.nt.ca     GNWT - ENR (Environment and Natural Resources)   Gila Somers   Gila_Somers@gov.nt.ca     GNWT - ENR (Environment and Natural Resources)   Gila Somers   Gila_Somers@gov.nt.ca     GNWT - ENR (Environment and Natural Resources)   Gila Somers   Gila_Somers@gov.nt.ca     GNWT - ENR (Environment and Natural Resources)   Gila Somers   Gila_Somers@gov.nt.ca     GNWT - ENR (Environment and Natural Resources)			
GLWB   AlecSandra Macdonald   amacdonald@glwb.com     GLWB   AlecSandra Macdonald   amacdonald@glwb.com     GNWT - ENR - EAM (Environmental Assess ment and Monitoring)   Central Email GNWT   gnwt_ea@gov.nt.ca     GNWT - ENR (Environment and Natural Res ources)   David-Scott McQuinn   David-Scott_McQuinn@gov.nt.ca     GNWT - ENR (Environment and Natural Res ources)   Robert Jenkins   Robert_lenkins@gov.nt.ca     GNWT - ENR (Environment and Natural Res ources)   Lee Ann Malley   LeeAnn_Malley@gov.nt.ca     GNWT - ENR (Environment and Natural Res ources)   laurie_mcgregor@gov.nt.ca McGregor   laurie_mcgregor@gov.nt.ca     GNWT - ENR (Environment and Natural Res ources)   Bill Pain   bill_pain@gov.nt.ca     GNWT - ENR (Environment and Natural Res ources)   Bill Pain   bill_pain@gov.nt.ca     GNWT - ENR (Environment and Natural Res ources)   Nathen Richea   Nathen_Richea@gov.nt.ca     GNWT - ENR (Environment and Natural Res ources)   Gila Somers   Gila_Somers@gov.nt.ca     GNWT - ENR (Environment and Natural Res ources)   Gila Somers   Gila_Somers@gov.nt.ca     GNWT - ENR (Environment and Natural Res ources)   Gila Somers   Gila_Somers@gov.nt.ca     GNWT - ENR (Environment and Natural Res ources)   Gila Somers   Gila_Somers@gov.nt.ca <td></td> <td></td> <td>-</td>			-
GNWT - ENR - EAM (Environmental Assess ment and Monitoring) Central Email GNWT gnwt_ea@gov.nt.ca   GNWT - ENR - North Slave Region David-Scott McQuinn David-Scott_McQuinn@gov.nt.ca   GNWT - ENR (Environment and Natural Resources) patrick_Clancy patrick_clancy@gov.nt.ca   GNWT - ENR (Environment and Natural Resources) Robert Jenkins Robert_Jenkins@gov.nt.ca   GNWT - ENR (Environment and Natural Resources) kee Ann Malley LeeAnn_Malley@gov.nt.ca   GNWT - ENR (Environment and Natural Resources) laurie_mcgregor@gov.nt.ca McGregor laurie_mcgregor@gov.nt.ca   GNWT - ENR (Environment and Natural Resources) Bill Pain bill_pain@gov.nt.ca   GNWT - ENR (Environment and Natural Resources) Bill Pain bill_pain@gov.nt.ca   GNWT - ENR (Environment and Natural Resources) Nathen Richea Nathen_Richea@gov.nt.ca   GNWT - ENR (Environment and Natural Resources) Gila Somers Gila_Somers@gov.nt.ca   GNWT - ENR (Environment and Natural Resources) Rick Walbourne Rick_Walbourne@gov.nt.ca   GNWT - ENR (Environment and Natural Resources) Gila Somers Gila_Somers@gov.nt.ca   GNWT - ENR (Environment and Natural Resources) Gila Somers Gila_Somers@gov.nt.ca   GNWT - ENR (Environment and Natural Resources) Gila Somers Gila_Somers@gov.nt.ca   GNWT - ENR (Environment and Natural Resources) Gila Somers	-		
ment and Monitoring)Central Entail GNW1ghwCe@@g0v.ft.CaGNWT - ENR - North Slave RegionDavid-Scott McQuinnDavid-Scott McQuinn@gov.nt.caGNWT - ENR (Environment and Natural Res ources)Patrick Clancypatrick_clancy@gov.nt.caGNWT - ENR (Environment and Natural Res ources)Robert JenkinsRobert_Jenkins@gov.nt.caGNWT - ENR (Environment and Natural Res ources)Lee Ann MalleyLeeAnn_Malley@gov.nt.caGNWT - ENR (Environment and Natural Res ources)Lee Ann MalleyLeeAnn_Malley@gov.nt.caGNWT - ENR (Environment and Natural Res ources)Bill Painbill_pain@gov.nt.caGNWT - ENR (Environment and Natural Res ources)Bill Painbill_pain@gov.nt.caGNWT - ENR (Environment and Natural Res ources)Gila SomersGila SomersGNWT - ENR (Environment and Natural Res ources)Rick WalbourneGila Somers@gov.nt.caGNWT - ENR (Environment and Natural Res ources)Rick WalbourneRick_Walbourne@gov.nt.caGNWT - ENR (Environment and Natural Res ources)Gila SomersGila Somers@gov.nt.caGNWT - ENR (Environment and Natural Res ources)Rick WalbourneRick_Walbourne@gov.nt.caGNWT - ENR (Environment and Natural Res ources)Rick WalbourneRick_Walbourne@gov.nt.caGNWT - ENR (Environment and Natural Res ources)Gila SomersGila SomersGUTCESGila SomersGila SomersGila SomersGUTCESGila SomersGila SomersGila SomersGUTCESGila SomersGila SomersRick_Walbourne@gov.nt.ca<		AlecSandra Macdonald	
CNWT - ENR (Environment and Natural Resources)Patrick Clancypatrick_clancy@gov.nt.caGNWT - ENR (Environment and Natural Resources)Robert JenkinsRobert Jenkins@gov.nt.caGNWT - ENR (Environment and Natural Resources)Lee Ann MalleyLeeAnn_Malley@gov.nt.caGNWT - ENR (Environment and Natural Resources)Lee Ann MalleyLeeAnn_Malley@gov.nt.caGNWT - ENR (Environment and Natural Resources)Bill Painbill_pain@gov.nt.caGNWT - ENR (Environment and Natural Resources)Bill Painbill_pain@gov.nt.caGNWT - ENR (Environment and Natural Resources)Gila SomersGila_Somers@gov.nt.caGNWT - ENR (Environment and Natural Resources)Nathen RicheaNathen_Richea@gov.nt.caGNWT - ENR (Environment and Natural Resources)Gila SomersGila_Somers@gov.nt.caGNWT - INF (Infrastructure)Benjamin BeyBenjamin.Bey@gov.nt.caGNWT - HSS (Health and Social Services)of Health DepartmentEnvironmental_health@gov.nt.caGNWT - INF (Infrastructure)Alexis CampbellAlexis_Campbell@gov.nt.caGNWT - INF (Infrastructure)Jon PosynickJon_Posynick@gov.nt.caGNWT - INF (Infrastructure)Loretta RansomIoretta_ransom@gov.nt.caGNWT - ITI (Industry, Tourism and Investme nt)Dinah ElliottDinah_Elliott@gov.nt.caGNW		Central Email GNWT	gnwt_ea@gov.nt.ca
ources)Patrix ClarityPatrix ClarityGNWT - ENR (Environment and Natural Res ources)Robert JenkinsRobert JenkinsGNWT - ENR (Environment and Natural Res ources)Lee Ann MalleyLeeAnn_Malley@gov.nt.caGNWT - ENR (Environment and Natural Res ources)Lee Ann MalleyLeeAnn_Malley@gov.nt.caGNWT - ENR (Environment and Natural Res ources)Laurie_mcgregor@gov.nt.ca McGregorlaurie_mcgregor@gov.nt.caGNWT - ENR (Environment and Natural Res ources)Bill Painbill_pain@gov.nt.caGNWT - ENR (Environment and Natural Res ources)Nathen RicheaNathen_Richea@gov.nt.caGNWT - ENR (Environment and Natural Res ources)Rick WalbourneGila_Somers@gov.nt.caGNWT - ENR (Environment and Natural Res ources)Rick WalbourneRick_Walbourne@gov.nt.caGNWT - ENR (Environment and Natural Res ources)Gila SomersGila_Somers@gov.nt.caGNWT - ENR (Environment and Natural Res ources)Rick WalbourneRick_Walbourne@gov.nt.caGNWT - ENR (Environment and Natural Res ources)Gila SomersGila_Somers@gov.nt.caGNWT - INS (Infastructure)Benjamin BeyBenjamin_Bey@gov.nt.caGNWT - INF (Infrastructure)Benjamin BeyBenjamin_Bey@gov.nt.caGNWT - INF (Infrastructure)Jon PosynickJon_Posynick@gov.nt.caGNWT - INF (Infrastructure)Ioreta RansomIoreta_ransom@gov.nt.caGNWT - INF (Infrastructure)Loreta RansomIoreta_ransom@gov.nt.caGNWT - INF (Infrastructure)Dinah ElliottDinah_Elliott@gov.nt.caGNWT - ITI (Ind	GNWT - ENR - North Slave Region	David-Scott McQuinn	David-Scott_McQuinn@gov.nt.ca
ources)Robert JenkinsRobert JenkinsGNWT - ENR (Environment and Natural Res ources)Lee Ann MalleyLeeAnn_Malley@gov.nt.caGNWT - ENR (Environment and Natural Res ources)laurie_mcgregor@gov.nt.ca McGregorlaurie_mcgregor@gov.nt.caGNWT - ENR (Environment and Natural Res ources)Bill Painbill_pain@gov.nt.caGNWT - ENR (Environment and Natural Res ources)Nathen RicheaNathen_Richea@gov.nt.caGNWT - ENR (Environment and Natural Res ources)Gila SomersGila_Somers@gov.nt.caGNWT - ENR (Environment and Natural Res ources)Gila SomersGila_Somers@gov.nt.caGNWT - ENR (Environment and Natural Res ources)Rick WalbourneRick_Walbourne@gov.nt.caGNWT - ENR (Environment and Natural Res ources)Rick WalbourneRick_Walbourne@gov.nt.caGNWT - ENR (Environment and Natural Res ources)Rick WalbourneRick_Walbourne@gov.nt.caGNWT - INF (Infrastructure)Peter FastPeter_Fast@gov.nt.caGNWT - INF (Infrastructure)Benjamin BeyBenjamin_Bey@gov.nt.caGNWT - INF (Infrastructure)Jon PosynickJon_Posynick@gov.nt.caGNWT - INF (Infrastructure)Loretta RansomIoretta_ransom@gov.nt.caGNWT - ITI (Industry, Tourism and Investme nt)Dinah ElliottDinah_Elliott@gov.nt.caGNWT - ITI (Industry, Tourism and Investme nt)Dane MasonDane Mason@gov.nt.ca		Patrick Clancy	patrick_clancy@gov.nt.ca
ources)Lee Alli MaleyLee Alli MaleyGNWT - ENR (Environment and Natural Res ources)laurie_mcgregor@gov.nt.ca McGregorlaurie_mcgregor@gov.nt.caGNWT - ENR (Environment and Natural Res ources)Bill Painbill_pain@gov.nt.caGNWT - ENR (Environment and Natural Res ources)Nathen RicheaNathen_Richea@gov.nt.caGNWT - ENR (Environment and Natural Res ources)Rick WalbourneGila SomersGNWT - ENR (Environment and Natural Res ources)Gila SomersGila_Somers@gov.nt.caGNWT - ENR (Environment and Natural Res ources)Rick WalbourneRick_Walbourne@gov.nt.caGNWT - ENR (Environment and Natural Res ources)Rick WalbourneRick_Walbourne@gov.nt.caGNWT - ENR (Environment and Natural Res ources)Rick WalbourneRick_Walbourne@gov.nt.caGNWT - ENR (Environment and Natural Res ources)Peter FastPeter_Fast@gov.nt.caGNWT - INF (Infrastructure)Benjamin BeyBenjamin_Bey@gov.nt.caGNWT - INF (Infrastructure)Jon PosynickJon_Posynick@gov.nt.caGNWT - INF (Infrastructure)Jon PosynickJon_Posynick@gov.nt.caGNWT - INF (Infrastructure)Loretta Ransomloretta_ransom@gov.nt.caGNWT - ITI (Industry, Tourism and Investme nt)Dinah ElliottDinah_Elliott@gov.nt.caGNWT - ITI (Industry, Tourism and Investme nt)Dane MasonDane Mason@gov.nt.ca		Robert Jenkins	Robert_Jenkins@gov.nt.ca
ources)Indite_Intgregor@gov.nt.ca MtGregorIndite_Intgregor@gov.nt.caGNWT - ENR (Environment and Natural Res ources)Bill Painbill_pain@gov.nt.caGNWT - ENR (Environment and Natural Res ources)Nathen RicheaNathen_Richea@gov.nt.caGNWT - ENR (Environment and Natural Res ources)Gila SomersGila_Somers@gov.nt.caGNWT - ENR (Environment and Natural Res ources)Gila SomersGila_Somers@gov.nt.caGNWT - ENR (Environment and Natural Res ources)Rick WalbourneRick_Walbourne@gov.nt.caGNWT - INS (Health and Social Services)of Health DepartmentEnvironmental_health@gov.nt.caGNWT - INF (Infrastructure)Benjamin BeyBenjamin_Bey@gov.nt.caGNWT - INF (Infrastructure)Jon PosynickJon_Posynick@gov.nt.caGNWT - INF (Infrastructure)Jon PosynickJon_Posynick@gov.nt.caGNWT - ITI (Industry, Tourism and Investme nt)Dinah ElliottDinah_Elliot@gov.nt.caGNWT - ITI (Industry, Tourism and Investme Dane MasonDane Mason@gov.nt.ca		Lee Ann Malley	LeeAnn_Malley@gov.nt.ca
ources)Bill PainDill_pain@gov.nt.caGNWT - ENR (Environment and Natural Res ources)Nathen RicheaNathen RicheaGNWT - ENR (Environment and Natural Res ources)Gila SomersGila_Somers@gov.nt.caGNWT - ENR (Environment and Natural Res ources)Rick WalbourneRick_Walbourne@gov.nt.caGNWT - ENR (Environment and Natural Res ources)Rick WalbourneRick_Walbourne@gov.nt.caGNWT - ENR (Environment and Natural Res ources)Rick WalbourneRick_Walbourne@gov.nt.caGNWT - Executive and Indigenous AffairsPeter FastPeter_Fast@gov.nt.caGNWT - HSS (Health and Social Services)of Health DepartmentEnvironmental_health@gov.nt.caGNWT - INF (Infrastructure)Benjamin BeyBenjamin_Bey@gov.nt.caGNWT - INF (Infrastructure)Jon PosynickJon_Posynick@gov.nt.caGNWT - INF (Infrastructure)Loretta Ransomloretta_ransom@gov.nt.caGNWT - ITI (Industry, Tourism and Investme nt)Dinah ElliottDinah_Elliott@gov.nt.caGNWT - ITI (Industry, Tourism and Investme nt)Dane MasonDane Mason@gov.nt.ca		laurie_mcgregor@gov.nt.ca McGregor	laurie_mcgregor@gov.nt.ca
ources)Natuen RicheaNatuen RicheaGNWT - ENR (Environment and Natural Res ources)Gila SomersGila SomersGNWT - ENR (Environment and Natural Res ources)Rick WalbourneRick_Walbourne@gov.nt.caGNWT - ENR (Environment and Natural Res ources)Rick WalbourneRick_Walbourne@gov.nt.caGNWT - ENR (Environment and Natural Res ources)Rick WalbourneRick_Walbourne@gov.nt.caGNWT - Executive and Indigenous AffairsPeter FastPeter_Fast@gov.nt.caGNWT - HSS (Health and Social Services)of Health DepartmentEnvironmental_health@gov.nt.caGNWT - INF (Infrastructure)Benjamin BeyBenjamin_Bey@gov.nt.caGNWT - INF (Infrastructure)Jon PosynickJon_Posynick@gov.nt.caGNWT - INF (Infrastructure)Jon PosynickJon_Posynick@gov.nt.caGNWT - INF (Infrastructure)Loretta Ransomloretta_ransom@gov.nt.caGNWT - ITI (Industry, Tourism and Investme nt)Dinah ElliottDinah_Elliott@gov.nt.caGNWT - ITI (Industry, Tourism and Investme nt)Kris Johnsonk_Johnson@gov.nt.ca		Bill Pain	bill_pain@gov.nt.ca
ources)Glia SomersGlia SomersGNWT - ENR (Environment and Natural Res ources)Rick WalbourneRick_Walbourne@gov.nt.caGNWT - Executive and Indigenous AffairsPeter FastPeter_Fast@gov.nt.caGNWT - HSS (Health and Social Services)of Health DepartmentEnvironmental_health@gov.nt.caGNWT - INF (Infrastructure)Benjamin BeyBenjamin_Bey@gov.nt.caGNWT - INF (Infrastructure)Alexis CampbellAlexis_Campbell@gov.nt.caGNWT - INF (Infrastructure)Jon PosynickJon_Posynick@gov.nt.caGNWT - INF (Infrastructure)Loretta Ransomloretta_ransom@gov.nt.caGNWT - ITI (Industry, Tourism and Investme nt)Dinah ElliottDinah_Elliott@gov.nt.caGNWT - ITI (Industry, Tourism and Investme nt)Kris Johnsonk_Johnson@gov.nt.ca		Nathen Richea	Nathen_Richea@gov.nt.ca
ources)Rick WabburneRick_wabburneGNWT - Executive and Indigenous AffairsPeter FastPeter_Fast@gov.nt.caGNWT - HSS (Health and Social Services)of Health DepartmentEnvironmental_health@gov.nt.caGNWT - INF (Infrastructure)Benjamin BeyBenjamin_Bey@gov.nt.caGNWT - INF (Infrastructure)Alexis CampbellAlexis_Campbell@gov.nt.caGNWT - INF (Infrastructure)Jon PosynickJon_Posynick@gov.nt.caGNWT - INF (Infrastructure)Loretta Ransomloretta_ransom@gov.nt.caGNWT - ITI (Industry, Tourism and Investme nt)Dinah ElliottDinah_Elliott@gov.nt.caGNWT - ITI (Industry, Tourism and Investme nt)Kris Johnsonk_Johnson@gov.nt.ca		Gila Somers	Gila_Somers@gov.nt.ca
GNWT - Executive and Indigenous AffairsPeter FastPeter_Fast@gov.nt.caGNWT - HSS (Health and Social Services)of Health DepartmentEnvironmental_health@gov.nt.caGNWT - INF (Infrastructure)Benjamin BeyBenjamin_Bey@gov.nt.caGNWT - INF (Infrastructure)Alexis CampbellAlexis_Campbell@gov.nt.caGNWT - INF (Infrastructure)Jon PosynickJon_Posynick@gov.nt.caGNWT - INF (Infrastructure)Loretta Ransomloretta_ransom@gov.nt.caGNWT - INF (Infrastructure)Dinah ElliottDinah_Elliott@gov.nt.caGNWT - ITI (Industry, Tourism and Investme nt)Kris Johnsonk_Johnson@gov.nt.caGNWT - ITI (Industry, Tourism and Investme nt)Dane MasonDane Mason@gov.nt.ca		Rick Walbourne	Rick_Walbourne@gov.nt.ca
GNWT - HSS (Health and Social Services)of Health DepartmentEnvironmental_health@gov.nt.caGNWT - INF (Infrastructure)Benjamin BeyBenjamin_Bey@gov.nt.caGNWT - INF (Infrastructure)Alexis CampbellAlexis_Campbell@gov.nt.caGNWT - INF (Infrastructure)Jon PosynickJon_Posynick@gov.nt.caGNWT - INF (Infrastructure)Loretta Ransomloretta_ransom@gov.nt.caGNWT - INF (Infrastructure)Loretta Ransomloretta_ransom@gov.nt.caGNWT - ITI (Industry, Tourism and Investme nt)Dinah ElliottDinah_Elliott@gov.nt.caGNWT - ITI (Industry, Tourism and Investme nt)Kris Johnsonk_Johnson@gov.nt.caGNWT - ITI (Industry, Tourism and Investme nt)Dane Mason@gov.nt.ca	,	Peter Fast	Peter Fast@gov.nt.ca
GNWT - INF (Infrastructure)Benjamin BeyBenjamin_Bey@gov.nt.caGNWT - INF (Infrastructure)Alexis CampbellAlexis_Campbell@gov.nt.caGNWT - INF (Infrastructure)Jon PosynickJon_Posynick@gov.nt.caGNWT - INF (Infrastructure)Loretta Ransomloretta_ransom@gov.nt.caGNWT - INF (Infrastructure)Dinah ElliottDinah_Elliott@gov.nt.caGNWT - ITI (Industry, Tourism and Investme nt)Kris Johnsonk_Johnson@gov.nt.caGNWT - ITI (Industry, Tourism and Investme nt)Dane MasonDane Mason@gov.nt.ca			
GNWT - INF (Infrastructure)Alexis CampbellAlexis_Campbell@gov.nt.caGNWT - INF (Infrastructure)Jon PosynickJon_Posynick@gov.nt.caGNWT - INF (Infrastructure)Loretta Ransomloretta_ransom@gov.nt.caGNWT - ITI (Industry, Tourism and Investme nt)Dinah ElliottDinah_Elliott@gov.nt.caGNWT - ITI (Industry, Tourism and Investme nt)Kris Johnsonk_Johnson@gov.nt.caGNWT - ITI (Industry, Tourism and Investme nt)Dane MasonDane Mason@gov.nt.ca			
GNWT - INF (Infrastructure)   Jon Posynick   Jon_Posynick@gov.nt.ca     GNWT - INF (Infrastructure)   Loretta Ransom   loretta_ransom@gov.nt.ca     GNWT - ITI (Industry, Tourism and Investme nt)   Dinah Elliott   Dinah_Elliott@gov.nt.ca     GNWT - ITI (Industry, Tourism and Investme nt)   Kris Johnson   k_Johnson@gov.nt.ca     GNWT - ITI (Industry, Tourism and Investme nt)   Dinah Elliott   Dinah_Elliott@gov.nt.ca     GNWT - ITI (Industry, Tourism and Investme nt)   Dane Mason   Dane Mason@gov.nt.ca	, ,		, ,,,,
GNWT - INF (Infrastructure)   Loretta Ransom   loretta_ransom@gov.nt.ca     GNWT - ITI (Industry, Tourism and Investme nt)   Dinah Elliott   Dinah_Elliott@gov.nt.ca     GNWT - ITI (Industry, Tourism and Investme nt)   Kris Johnson   k_Johnson@gov.nt.ca     GNWT - ITI (Industry, Tourism and Investme nt)   Dane Mason   Dane Mason@gov.nt.ca	, ,		
GNWT - ITI (Industry, Tourism and Investme nt)   Dinah Elliott   Dinah_Elliott@gov.nt.ca     GNWT - ITI (Industry, Tourism and Investme nt)   Kris Johnson   k_Johnson@gov.nt.ca     GNWT - ITI (Industry, Tourism and Investme nt)   Dane Mason   Dane Mason@gov.nt.ca			
nt) Dinan Elliott Dinan Elliott   GNWT - ITI (Industry, Tourism and Investme nt) Kris Johnson k_Johnson@gov.nt.ca   GNWT - ITI (Industry, Tourism and Investme Dane Mason Dane Mason@gov.nt.ca			
nt) Kris Johnson Carlos K-Johnson@gov.nt.ca GNWT - ITI (Industry, Tourism and Investme Dane Mason Dane Mason@gov.nt.ca	nt)	Dinah Elliott	Dinah_Elliott@gov.nt.ca
	nt)	Kris Johnson	k_Johnson@gov.nt.ca
		Dane Mason	Dane_Mason@gov.nt.ca

GNWT - ITI (Industry, Tourism and Investme	Menzie McEachern	Menzie_McEachern@gov.nt.ca
nt)		
GNWT - Lands	Marie-Christine Belair	Marie-Christine_Belair@gov.nt.ca
GNWT - Lands	Tracy Covey	Tracy_Covey@gov.nt.ca
GNWT - Lands	Melissa Pink	melissa_pink@gov.nt.ca
GNWT - Lands	Katie Rozestraten	katie_rozestraten@gov.nt.ca
GNWT - Lands	Lorraine Seale	Lorraine_Seale@gov.nt.ca
GNWT - Lands	Rebecca Whalen	rebecca_whalen@gov.nt.ca
GNWT - Lands - North Slave Region	Clint Ambrose	clint_ambrose@gov.nt.ca
GNWT - Lands - North Slave Region	Brandon Bradbury	Brandon_Bradbury@gov.nt.ca
GNWT - Lands - North Slave Region	Tom Bradbury	tom_bradbury@gov.nt.ca
GNWT - Lands - North Slave Region	Joe Heron	joe_heron@gov.nt.ca
GNWT - Lands - North Slave Region	Cheryl Larocque	cheryl_larocque@gov.nt.ca
GNWT - Lands - North Slave Region	Jamie Steele	Jamie_Steele@gov.nt.ca
GNWT - Lands - North Slave Region	Scott Stewart	Scott_Stewart@gov.nt.ca
GNWT - MACA (Municipal and Community Affairs)	Iqbal Arshad	Iqbal_Arshad@gov.nt.ca
GNWT - MACA (Municipal and Community Affairs)	Olivia Lee	Olivia_Lee@gov.nt.ca
GNWT - PPCA (Policy, Planning, Communic ations and Analysis (w/in ITI))	Evan Walz	Evan_Walz@gov.nt.ca
GNWT - PWNHC (Prince of Wales Northern Heritage Centre (w/in ECE))	Glen Mackay	Glen_Mackay@gov.nt.ca
GNWT - PWNHC (Prince of Wales Northern Heritage Centre (w/in ECE))	Naomi Smethurst	naomi_smethurst@gov.nt.ca
Hutchinson Environmental Services Ltd.	Neil Hutchinson	neil.hutchinson@environmentalsciences.ca
INAC - Yellowknife	Kim Pawley	kim.pawley@canada.ca
Kitikmeot Inuit Association	Geoff Clark	dirlands@kitia.ca
Lutsel K'e Dene First Nation - Chief or Wildlif e, Lands and Environment	Glen Guthrie	lkdfnlands@gmail.com
Lutsel K'e Dene First Nation - Chief or Wildlif e, Lands and Environment	Beth Keats	lkdfnregulatory@gmail.com
Lutsel K'e Dene First Nation - Chief or Wildlif e, Lands and Environment	Chief Daryl Marlowe	chief.lkdfn@gmail.com
MVLWB	Angela Plautz	aplautz@mvlwb.com
North Slave Metis Alliance	Susan Enge	heritage@nsma.net
North Slave Metis Alliance	Jess Hurtubise	jess.hurtubise@nsma.net
North Slave Metis Alliance	NSMA Lands	lands@nsma.net
North Slave Metis Alliance	Adelaide Mufandaedza	adelaide@nsma.net
North Slave Metis Alliance	Joanne Taylor	general@nsma.net
Northwest Territories Power Corporation	David Dewar	ddewar@ntpc.com
Northwest Territories Power Corporation	mmiller@ntpc.com Miller	mmiller@ntpc.com
Northwest Territory Metis Nation	Ria Coleman	lands.clerk@nwtmetis.ca
Northwest Territory Metis Nation	Tim Heron	tim.heron@nwtmetis.ca
Tlicho Government	LONGINUS EKWE	longinusekwe@tlicho.com
Tlicho Government	Grand Chief George Mackenzie	georgemackenzie@tlicho.com
Tlicho Government	Tlicho Lands Regulatory	ginger.gibson@thefirelightgroup.com
Tlicho Government	Grace Mackenzie	gracemackenzie@tlicho.com
Tlicho Government	Sean Richardson	seanrichardson@tlicho.com
Tlicho Government	Brett Wheler	brett.wheler@tlicho.ca
Tlicho Lands Protection Department	Violet Camsell-Blondin	violetcamsellblondin@tlicho.com
Tlicho Lands Protection Department	pewaschuk@hotmail.com Ewaschuk	pattyewaschuk@gmail.com
Tlicho Lands Protection Department	Joline Huskey	jolinehuskey@tlicho.com
Tlicho Lands Protection Department	Tyanna Steinwand	tyannasteinwand@tlicho.com
Tlicho Lands Protection Department	Doreen Washie	doreenwashie@tlicho.com
Wek' eezhii Renewable Resources Board	Aimee Guile	aguile@wrrb.ca
Wek' eezhii Renewable Resources Board	Jody Pellissey	jpellissey@wrrb.ca
Wekweeti Community Government	Charlie Football	charliefootball@tlicho.com

Willms@Shier Environmental Lawyers LLP	John Donihee	jdonihee@willmsshier.com
WLWB	Wekeezhii Land and Water Board	wlwb06@gmail.com
Wood	Perera Malavige	malavige.perera@woodplc.com
Yellowknives Dene First Nation	Johanne Black	jblack@ykdene.com
Yellowknives Dene First Nation	Sarah Gillis	saraht@ykdene.com
Yellowknives Dene First Nation	Ryan Miller	ryanm@ykdene.com
Yellowknives Dene First Nation	Admin YKDFN	lands@ykdene.com
WLWB	Meaghan MacIntyre-Newell	mmacintyre-newell@wlwb.ca
WLWB	Anneli Jokela	ajokela@wlwb.ca
WLWB	Ryan Fequet	rfequet@wlwb.ca
WLWB	Sarah Elsasser	selsasser@wlwb.ca
MVLWB	Jen Potten	jpotten@mvlwb.com
WLWB	Kassandra DeFrancis	kdefrancis@wlwb.ca
WLWB	Roberta Judas	rjudas@wlwb.ca
Wek' eezhii Renewable Resources Board WLWB	Shalyn Norrish	snorrish@wlwb.ca
WLWB	Jessica Pacunayen	jpacunayen@wlwb.ca
WLWB	Rhiana Bams	rbams@wlwb.ca