

The Rio Tinto logo consists of the words "RioTinto" in a white, serif font, centered within a solid red rectangular background.

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Mr. Mason Mantla, Chair  
Wek'eezhii Land and Water Board  
Box 32  
Wekweètì, NT X0E 1W0  
Canada

3 March 2022

Dear Mr. Mantla,

**Re: Additional Information for Drilling Additives Request Feb 24<sup>th</sup>, 2022**

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Thank you for your approval of the referenced request to use a list of additional additives for the ongoing Diavik Exploration Program. As requested, an in-depth review was completed on all the additives that have been added to DDMI's Land Use Permit W2017C0002.

Our records show that 30 drilling additives have been submitted and approved. Following this review, 24 of them are considered hazardous. This represents a change of an additional 7 more additives that will be treated as hazardous. Three of those that are now added to the list, AMC 133X, Halliburton Poly-Bore, and Halliburton EZ-Mud Gold are additives that were submitted prior to the recent exploration activities. One other note to make, the first two named, along with 3 others indicated in the below table, do require an updated SDS. This has been requested from the manufacturer.

It is trusted that the foregoing is satisfactory. Should you have any questions or concerns, please do not hesitate to be in touch.

Sincerely,

A handwritten signature in black ink, appearing to read "E Lyon", written in a cursive style.

Eileen Lyon, P Geo  
Principal I Geoscientist  
Project Manager for Diavik Exploration Project

**Table 1: List of Drilling Additives Submitted for Approval**

Approved (Feb 2022)	Previous Status	New Status	Notes
Di Corp Big Bear Rod Grease	HAZARDOUS	HAZARDOUS	
AMC K-ION	HAZARDOUS	HAZARDOUS	
Aqua Clear PFD	NOT HAZARDOUS	HAZARDOUS	SDS states <i>should prevent from entering waterways</i>
Penetrol	HAZARDOUS	HAZARDOUS	
Performatrol 930	NOT HAZARDOUS	NOT HAZARDOUS	
DIAMOND SEAL	HAZARDOUS	HAZARDOUS	
<b>Currently in Approval (Dec 2021)</b>			
Fusion Release (aka Beet Juice)	NOT HAZARDOUS	NOT HAZARDOUS	
Chevron Delo 400 SDE SAE 15W-40	HAZARDOUS	HAZARDOUS	
Chevron Delo 400 XLE SAE 10W-30	HAZARDOUS	HAZARDOUS	
Chevron Delo ELC Advanced Antifreeze / Coolant – Premixed 50/50	HAZARDOUS	HAZARDOUS	
Chevron Del Grease EP	HAZARDOUS	HAZARDOUS	
Kopr-Kote	HAZARDOUS	HAZARDOUS	
Methanol	HAZARDOUS	HAZARDOUS	
Methyl Hydrate	HAZARDOUS	HAZARDOUS	
Penetrol Dry	NOT HAZARDOUS	NOT HAZARDOUS	
Quik-Gel	HAZARDOUS	HAZARDOUS	
Quik-Trol Gold LV	HAZARDOUS	HAZARDOUS	SDS states <i>should prevent from entering waterways</i>
RDO 302 ES	NOT HAZARDOUS	NOT HAZARDOUS	
Soda Ash	HAZARDOUS	HAZARDOUS	
<b>Approved in 2020 and 2021</b>			
AMC CR 650	HAZARDOUS	HAZARDOUS	
Halliburton Bore-Gel	NOT HAZARDOUS	HAZARDOUS	SDS states toxicity levels to fish
Halliburton Bentonite Pellets 3/8 inch	HAZARDOUS	HAZARDOUS	
Di Corp Calcium Chloride	HAZARDOUS	HAZARDOUS	
Control Chemical (1989) Corporation DD-EXPRESS	NOT HAZARDOUS	HAZARDOUS	requires more updated SDS
Control Chemical (1989) Corporation SAND-EXPRESS	NOT HAZARDOUS	HAZARDOUS	requires more updated SDS
Control Chemical (1989) Corporation Torqueless	NOT HAZARDOUS	NOT HAZARDOUS	requires more updated SDS

Approved pre-2020			
AMC 133X	unknown	HAZARDOUS	requires more updated SDS
AMC Pure-Vis	Unknown	NOT HAZARDOUS	requires more updated SDS
Halliburton Poly-Bore	Unknown	HAZARDOUS	
Halliburton EZ-MUD Gold	Unknown	HAZARDOUS	