

Angela Love

From: Joe Heron <Joe_Heron@gov.nt.ca>
Sent: January-29-19 9:37 AM
To: Knight, Allan
Cc: Kramers, Patrick; Marshall, Ryan; McLean, Sarah; Liu, William; Angela Love; Scott Stewart; Marty Sanderson; Karen Polakoff; Carol Norris
Subject: RE: AN Mega Bag Shipment
Attachments: 2018 01 28 - AN Tote Bag Shipment.pdf; MV2005C0032 & MV2005L2-0015 Authorization for Temporary Storage of Ammonium Nitrate (AN) Prill in Bulk Bags 29JAN2019.pdf

As per our conversations and the attached plan, please find your MV2005C0032 & MV2005L2-0015 Authorization for Temporary Storage of Ammonium Nitrate (AN) Prill in Bulk Bags 29JAN2019. Please ensure to follow all aspects of the plan and the attached authorization.

Contact me should you have any concerns.

Karen/Carol: Can you see the pertinent Lands Administration staff receives this e-mail.



Joseph Heron
Resource Management Officer III (Inspector)
North Slave Regional Office

From: Knight, Allan [mailto:Allan.Knight@debeersgroup.com]
Sent: Monday, January 28, 2019 4:51 PM
To: Joe Heron
Cc: Kramers, Patrick; Marshall, Ryan; McLean, Sarah; Liu, William
Subject: RE: AN Mega Bag Shipment

Hi Joe,

Attached is the notification for the AN bag shipment as discussed.

Please let me know if you have any questions or comments regarding the attached.

Regards,

Allan Knight
Environmental Coordinator, Gahcho Kué Mine

De Beers Group
Suite 300, 5120 49th Street
Yellowknife, NT X1A 1P8

T: 416 645 1695 ext.6621
M: 226 234 5499

www.debeersgroup.com

From: Knight, Allan
Sent: Friday, January 25, 2019 2:03 PM
To: Joe Heron <Joe_Heron@gov.nt.ca>

Cc: Kramers, Patrick <Patrick.Kramers@debeersgroup.com>; Marshall, Ryan <Ryan.Marshall@debeersgroup.com>
Subject: AN Mega Bag Shipment

Good Afternoon Joe,

In regards to our phone conversation this morning...

As the Winter Road nears completion, there will be a shipment of AN mega bags coming to site and stored in the area of the spillway sump at the Emulsion Plant.

Once onsite, these bags will be consumed prior to using any bulk AN and prior to freshet.



Approximate location of AN Bag storage. Each square represents 500 bags (20 x 25).

Regards,

Allan Knight
Environmental Coordinator, Gahcho Kué Mine

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LUP MV2005C0032 & WL MV2005L2-0015

January 29th, 2019

The De Beers Group of Companies
300-5120 49th Street
YELLOWKNIFE, NT X1A 1P8

**Attention: Mr. Patrick Kramers
Environmental Superintendent
Gahcho Kué Mine, NT**

Dear Mr. Kramers:

Re: MV2005L2-0015 & MV2005C0032 Authorization for Temporary Storage of Ammonium Nitrate (AN) Prill in Bulk Bags

This letter is in response to the request submitted by the De Beers Group of Companies on January 25th, 2019 seeking authorization to temporarily store Ammonium Nitrate (AN) prill in bulk bags adjacent to the AN Emulsion Plant spillway sump at the Gahcho Kué (GK) Mine.

After reviewing the original AN storage proposal date January 25th, 2019 and the approved GK Mine *Explosives Management Plan*, the Inspector hereby grants authorization for the temporary outdoor storage of AN prill in bulk bags as described in the proposal with the following conditions:

- All 1,500 of the bulk bags containing AN prill are to be stored on the spillway immediately adjacent to and north of the AN Emulsion Plant sump.
- The bags shall be stored in three (3) 500-tonne divisions in accordance with the submitted plan.
- The three (3) divisions of AN shall be stored in a manner to prevent freezing to the ground.
- All bagged AN prill shall be consumed prior to the use of the bulk AN prill stored within the AN Building and prior to the spring freshet 2019.



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- All AN bags are to have an additional inner poly liner as per the submitted proposal.
- The storage area for the bagged AN must be kept snow-free and snow must be removed in a timely manner. The timely removal of snow from the storage area will allow for proper inspections of the bagged AN prill & minimize impacts to the area during freshet.
- The bagged AN storage area shall be inspected daily and a log maintained. The inspection log must be made readily available to the Inspector for review.
- The GK Mine *Spill Contingency Plan* must be updated to reflect the changed storage methods for bagged AN prill on the AN Emulsion Plant spillway.

This authorization is for the 2019 winter season only.

If you have any questions or concerns, please contact the undersigned at (867) 767-9187 ext. 24192 or Mr. Marty Sanderson at (867) 767-9187 ext. 24186.

Sincerely,

Joseph Heron
Resource Management Officer III (Inspector)
North Slave Regional Office
GNWT – Department of Lands

cc: *Ms. Angela Love (MVLWB)*
Mr. Scott Stewart (GNWT Lands – Regional Superintendent, North Slave)
Mr. Marty Sanderson (GNWT Lands – Manager, Diamond Resource Management)
Ms. Karen Polakoff (GNWT Lands – Manager, Territorial Land Administration)
Ms. Carol Norris (GNWT Lands – Lands Administration Team Lead)



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January 28, 2019

Joseph Heron
Resource Management Officer III (Inspector)
North Slave Regional Office
Department of Lands
Government of the Northwest Territories
140 Bristol Avenue,
Yellowknife, NT X1A 3T2

Dear Mr. Heron,

Re: Notification of Ammonium Nitrate Shipment and Storage – Emulsion Plant Pad

De Beers is formally providing written notification of the shipment of ammonium nitrate mega bags being transported along the 2019 Winter Road.

This smaller operational quantity (1,500 tonnes) will be stored at the Emulsion Plant Pad (Operational Pad). These totes will be stored in an inventory manageable configuration. The tote bags are plastic lined to prevent moisture from contacting the ammonium nitrate and dust from escaping to the environment. While being stored, the bags will be segregated in 500 t divisions within the operational storage area with ample spacing around the piles for access and monitoring. The tote bags will be consumed following the end of the Winter Road Bulk AN delivery and prior to freshet.

The AN storage areas will be managed and visually monitored regularly for signs of any AN spillage onto the pad and spills promptly addressed. Should an ammonium nitrate spill occur, the spill will be immediately cleaned up and reported to site Environmental Personnel for subsequent reporting as defined in the Emergency Response and Spill Contingency Plan.

The primary contacts for the operations associated with the notification are as follows:

Contact Name	Position	Phone	Email Address
Patrick Kramers	Safety & Environment Superintendent	416.645.1695 ext. 6622	Patrick.Kramers@debeersgroup.com
Allan Knight	Environmental Coordinator	416.645.1695 ext. 6621	Allan.Knight@debeersgroup.com



DE BEERS GROUP

Should you have any questions or concerns regarding this notification, please do not hesitate to contact me or any of the above-listed personnel at your convenience.

Regards,

Allan Knight
Environmental Coordinator
De Beers Canada Inc.

Cc: Patrick Kramers, DBCI
Ryan Marshall, DBCI
Sarah McLean, DBCI



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Emulsion Plant Pad (Operational Pad)



Location of Operation Storage Area within the Emulsion Plant Pad

DE BEERS CANADA INC.
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