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## Agnico Eagle updated Water Management Plan

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**Sergey Kuflevskiy** <sergey.kuflevskiy@nwb-oen.ca>  
To: Richard Dwyer <richard.dwyer@nwb-oen.ca>

Fri, Dec 13, 2019 at 2:50 PM

Hi Richard,

Could you please add this correspondence to the Meliadine Water Management Plan folder:

<ftp://ftp.nwb-oen.ca/registry/2%20MINING%20MILLING/2A/2AM%20-%20Mining/2AM-MEL1631%20Agnico/3%20TECH/B%20GENERAL/B12%20MGMT%20PLANS/Water%20MGMT%20Plan/>

I am drafting a letter for the WMP updates too.

Thank you,  
Sergey

----- Forwarded message -----

From: **Sara Savoie** <sara.savoie@agnicoeagle.com>  
Date: Fri, Dec 13, 2019 at 6:34 AM  
Subject: RE: [EXTERNAL] Re: Agnico Eagle updated Water Management Plan  
To: Sergey Kuflevskiy <sergey.kuflevskiy@nwb-oen.ca>  
Cc: Meliadine Environment Supervisors <meli.environment.supervisors@agnicoeagle.com>, Jamie Quesnel <jamie.quesnel@agnicoeagle.com>, Karén Kharatyan <karen.kharatyan@nwb-oen.ca>





Good morning Mr. Kuflevskiy,

You will find the requested information directly in your below message.

We remain available should you have any further questions.

Kind regards,  
Sara



**Sara Savoie** | Compliance Counselor  
[sara.savoie@agnicoeagle.com](mailto:sara.savoie@agnicoeagle.com) | Direct 819.759.3555 x4608143 |  
Agnico Eagle Mines Limited - 11600, rue Louis-Bisson - Mirabel, Quebec, Canada J7N 1G9  
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Sent from Mirabel

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**From:** Sergey Kuflevskiy <[sergey.kuflevskiy@nwb-oen.ca](mailto:sergey.kuflevskiy@nwb-oen.ca)>

**Sent:** Monday, December 9, 2019 8:24 PM

**To:** Sara Savoie <[sara.savoie@agnicoeagle.com](mailto:sara.savoie@agnicoeagle.com)>

**Cc:** Jessica Huza <[jessica.huza@agnicoeagle.com](mailto:jessica.huza@agnicoeagle.com)>; Martin Theriault <[martin.theriault@agnicoeagle.com](mailto:martin.theriault@agnicoeagle.com)>; Jamie Quesnel <[jamie.quesnel@agnicoeagle.com](mailto:jamie.quesnel@agnicoeagle.com)>; Karén Kharatyan <[karen.kharatyan@nwb-oen.ca](mailto:karen.kharatyan@nwb-oen.ca)>

**Subject:** [EXTERNAL] Re: Agnico Eagle updated Water Management Plan

**CAUTION: EXTERNAL**

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Hi Sara,

I just wanted to follow up on this submission and confirm a few things before issuing an official letter from the NWB.

1. The updated Section 3.5 of the Water Management Plan (WMP) states that "233,122 m<sup>3</sup> of waste rock is expected to be removed from Tiriganiaq Pit 1 for the construction of SP4". However, the engineering drawings show a different number - 305,393 m<sup>3</sup>. Could you please clarify where this difference comes from?

The statement of this value was an error made when updating the Water Management Plan. The value of 233,122 m<sup>3</sup> is the volume of excavated rock in which water can be stored (allowing for freeboard). Total waste rock volume to be removed is expected to be 305,393 m<sup>3</sup>, as presented in the Design Report.

2. The same Section further states: "*A portion of the waste rock removed will be used immediately for a perimeter safety berm and overburden protective cover. The residual waste rock will be stockpiled temporarily between the footprints of Tiriganiaq Pit*

*1 and Tiriganiaq Pit 2, south-east of SP4.*"

Does this mean that AEM is planning to stockpile this waste outside of the mine footprint? Could you please provide further clarification on that?

The location for temporary waste rock deposition between Tiriganiaq Pit 1 and Tiriganiaq Pit 2 (slightly to the south of their axes) is within the lease area.

3. It is stated that the minimum storage volume of SP4 will be 233,000 m<sup>3</sup>. Does this include the volume reserved for precipitation accumulation and runoff at freshet? If yes, how much is the precipitation/ freshet portion?

The storage volume of 233,000 m<sup>3</sup> is a total which includes storage for saline water inflows to the underground mine and for freshet/precipitation runoff. Based on the catchment area of SP4 and mean climate conditions, mean freshet runoff to SP4 is expected to be 15,600 m<sup>3</sup>. Based on 1:100 wet climate conditions, maximum freshet runoff to SP4 is expected to be 26,000 m<sup>3</sup>. In order to ensure the capability to store runoff from a 1:100 wet freshet, stored volume in SP4 will be maintained below 207,000 m<sup>3</sup> prior to freshet. The numbers presented in this paragraph will be updated following construction of SP4.

