



NWB Tools

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## Fwd: Meliadine Algae Growth Study

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Wed, Jul 6, 2022 at 9:41 AM

From: **Sara Savoie** <sara.savoie@agnicoeagle.com>  
Date: Tue, Jul 5, 2022 at 10:33 AM  
Subject: Meliadine Algae Growth Study  
To: Wilson, Christine <Christine.Wilson3@rcaanc-cirnac.gc.ca>, Didham, Curtis (ECCC) <Curtis.Didham@ec.gc.ca>, Arsenault, Robert (ECCC) <Robert.Arsenault2@ec.gc.ca>, Sergey Kuflevskiy <sergey.kuflevskiy@nwb-oen.ca>, Emily Koide <ekoide@nirb.ca>, Jeff Tulugak <jtulugak@kivalliqinuit.ca>, Jeff Hart <landsbaker@kivalliqinuit.ca>  
Cc: Meliadine Environment Supervisors <meli.environment.supervisors@agnicoeagle.com>, Pascal Marcotte <pascal.marcotte@agnicoeagle.com>

Good afternoon,

This message is to inform you that Agnico Eagle is conducting a study to better understand algae growth in our saline ponds. Evidence is suggesting that algae growth is a recurrent natural phenomena at Meliadine and it is suspected to be the main driver behind natural attenuation of ammonia nitrogen in our saline ponds. Ultimately, the knowledge gained from this study could lead to improvements in our water management strategy and potentially reduce the amount of chemicals used at our saline effluent treatment plant (SETP).

In the next few days, a trial will be initiated in our saline pond 3 (SP3). Saline water from the Tiriganiaq pit 2 (Tiri2) will be transferred to SP3, where a close monitoring of algae growth will be possible. A small amount of nutrient (mono ammonium phosphate – MAP) will be added to SP3 to promote algae growth for the duration of the trial, which is expected to finish by early September. At no point during this trial the maximum water level of SP3 will be exceeded. Signage with information to the effect that a trial is being conducted will be installed in the vicinity of SP3.






As previously communicated, there will be no discharge to sea in 2022, and the SETP is not operating. At the end of the trial, water will be pumped back from SP3 to Tiri2.

We remain available to answer any questions you may have.

Kind regards,

Sara



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Sent from Meliadine

