

Richard Dwyer <richard.dwyer@nwb-oen.ca>

FW: removal of contaminated soil near Amer Lake

Wilson3, Christine (AADNC/AANDC) < christine.wilson3@canada.ca> To: Richard Dwver <richard.dwver@nwb-oen.ca>

Tue, Sep 25, 2018 at 3:36 PM

Please add to 2BE-AME0712

From: Mark Kolebaba [mailto:m.kolebaba@adamera.com]

Sent: Tuesday, October 31, 2017 2:43 PM **To:** Wilson3, Christine (AADNC/AANDC)

Cc: Gloria Zhang; Peter Shamou; mtbrown@pacificopportunity.com; wwong@pacificopportunity.com

Subject: RE: removal of contaminated soil near Amer Lake

Dear Christine,

I have received the warning letter. Due to no availability of aircraft, we have not been able to remove the contaminated soil by the end of this month. We have every intention of removing the contaminated soil and are making plans to do this. We have made efforts to remediate this site and we have made progress.

Below are some of the events leading to this short coming. Further below are our plans to carry out this soil removal project.

On July 24th you submitted information on the spill. This information was missed in our office and it was not until September 15 that we received the information and understood the problem.

Plans were made with Peter's Expediting Ltd. (PEL) to hire a local Otter in Baker Lake. PEL would take a local crew, jack hammers and mega Bags to excavate and remove the contaminated soil. The soil was to be transported back to Baker Lake for proper disposal.

Initially, Peter of (PEL) had difficulties getting the aircraft as it was out for servicing. Peter informed Adamera that the Aircraft would be back in Baker Lake a fews days prior to October 9 and that he would contract the Otter from Boris Kotelewetz and the job would be completed by October 12. Shortly after this date, Peter informed Adamera that he could not get the aircraft and that there was a possibility he could use an aircraft of Agnico Eagle.

I spoke to Boris and he informed me that we missed the opportunity and that the Aircraft had moved to Churchill. The Otter is not back in Baker Lake until mid-November and at that time the days are short and the weather is typically not good for this type of flying. Boris suggested the best thing to do is to wait until spring because the job could be done safer.

Peter is still looking for a plane from Agnico Eagle. If Peter can get an aircraft and safely complete the cleanup, we will do it, however. Peter suggested it is unlikely to get use of the Agnico aircraft as it also is on standby for potential medivac.

After long discussions with Peter from PEL, the best approach to remove the soil is as follows:

- 1. PEL will have a meeting with Agnico Eagle in November to discuss any overland work they are planning for 2018. Peter will talk to Agnico Eagle to ask for permission to use the all-season road in May prior to break-up.
- 2. If permission is granted, trucks would be used to haul equipment to Meadow Bank.
- 3. A 4-person crew would travel 70 km by snowmobile to Amer Lake strip.
- 4. They would set up a 2 to 4 day camp.
- 5. As the ground would still be frozen, the crew would use jack hammers to break out and remove the soil.
- 6. The contaminated soil would be put in mega bags or drums and hauled out on sleds
- 7. The contaminated soil would be safely stored in Baker Lake until it could be shipped out on barge for disposal.

This option is the preferred option because the soil would be removed before melt and any fuel would remain immobile until clean-up. This option is weather dependent and assumes Agnico Eagle will grant permission. If permission is granted, Adamera will inform Christine Wilson that this plan is underway. If this plan is not going to work, a contingency plan would be implemented.

Contingency plan:

- 1. In June, PEL would mobilize a crew by Otter from Baker Lake to Amer Strip. Boris starts flying his aircraft in March or April. Considering the area from which the soil is to be removed is topographically high, Boris has suggested late May or early-mid June. If Agnico Eagle does not grant permission to use the road, Adamera would opt for the earlier date in May.
- 2. The soil would be removed by shovel and or jack hammer if required.
- 3. The contaminated soil would be put in mega bags and hauled out by Otter
- 4. The contaminated soil would be safely stored in Baker Lake until it could be shipped out on barge for disposal.

We take this remediation project serious and we wil	ll get it done. This is a tough time in the north to send
people out. The weather is turning and the days are	e getting shorter.

Sincere	Iy,

Mark Kolebaba

From: Christine Wilson [mailto:Christine.Wilson@aadnc-aandc.gc.ca]

Sent: Tuesday, October 31, 2017 7:17 AM

To: Christine Wilson <Christine.Wilson@aadnc-aandc.gc.ca>; Mark Kolebaba <m.kolebaba@adamera.com>

Cc: Gloria Zhang <q.zhang@adamera.com>; mtbrown@pacificopportunity.com;

wwong@pacificopportunity.com

Subject: RE: removal of contaminated soil near Amer Lake

Mark,

I never received a respond to the warning or this email. Was there any actions taken to reclaim the spill?

Regards,

Christine

Christine Wilson, EP

Water Resource Officer | Agent des resources hydriques

Indigenous and Northern Affairs | Affaires autochtones et du Nord Canada

Kivalliq Regional Office | Bureau régional du Kivalliq

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>>> Christine Wilson 10/16/17 9:06 AM >>>

Mark.

I am in receipt of your email below.

As I mention Friday we have decided to go ahead and issue the warning letter. From the information I was provided I believe that the plan of October 7th-9th was not completed basically because it was not a priority. I am required to note on going non-compliance in the permanent record. I have worked with you for over 5 years on reclamation of your projects in Nunavut. I have spent many hours working with you to complete your obligations.

Please be in contact with me before October 30th 5:00pm when the spill reclamation is completed.

Regards,

Christine

>>> Mark Kolebaba <m.kolebaba@adamera.com> 10/13/17 5:15 PM >>>

Hi Christine,

As you know, we have contracted PEL of Baker Lake to complete the cleanup. PEL is our company representative for this project. We made plans with Peter of PEL to complete this. Peter informed me vesterday by email that he was unable to reach Boris and when he finally did reach him the plane was not available. I spoke with Helen and she said that Peter did speak with Boris yesterday. Helen knew of the cleanup project, she also said there is possibility to get it done this year and that Boris would call back.

I have also spoken with Peter today and he says he can still get it done. I will forward you Peter's email from Yesterday.

We set a plan in motion on October 7th to complete this. In our plan below, we stated that we would endeavor to complete this by the end of October. We are still working in that timeline.

Mark

From: Peter Shamou [mailto:petershamou@gmail.com]

Sent: Thursday, October 12, 2017 1:53 PM

To: Mark Kolebaba <m.kolebaba@adamera.com>

Subject: Amer Lake fuel clean up

I have been trying to reach out to Boris who own the single otter to go clean up Amer Lake tho I have been told the plane and pilot are here now but is working, even at this time of year I felt we could still clean up with proper equipment.

I feel Mark if you reach out to Boris your chance of geting Amer Lake fuel clean up is much better than us.

Let me know how you make out, I regret to let a job go but feel this is the only way it could get done for this time of year as Boris is the only one with a plane at this time.

Thank you for asking us at PEL to clean up, Mark.

Peter

From: Christine Wilson [mailto:Christine.Wilson@aadnc-aandc.gc.ca]

Sent: Friday, October 13, 2017 2:24 PM

To: Mark Kolebaba < m.kolebaba@adamera.com>

Cc: Gloria Zhang <g.zhang@adamera.com>; mtbrown@pacificopportunity.com;

wwong@pacificopportunity.com

Subject: RE: removal of contaminated soil near Amer Lake

Importance: High

Mr. Kolebaba,

I have spoken with Boris directly. He said he was contacted by your representative regarding the clean up, and that he provided the dates his plane was available. He said that your representatives don't not establish a plan with him and that his plane has now left and is busy on a contract outside of Baker Lake for the remainder of the season. I asked Boris if he had received communication from your company and he said, he has not. I asked if he had received emails from your company, he said, he has not.

Based on the information I have collected and that which has been provided to me from the person associated with this file, and your previous compliance history I will proceed with issuing the warning letter.

The issuance of this warning does not absolve you from completing the reclamation as agreed but will act as a warning that I believe that you are acting in contrary to section 12(1) of the Nunavut Waters and Nunavut Surface Rights Tribunal Act.

Regards,

Christine

Christine Wilson, EP

Water Resource Officer | Agent des resources hydriques

Indigenous and Northern Affairs | Affaires autochtones et du Nord Canada

Kivalliq Regional Office | Bureau régional du Kivalliq

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>>> Mark Kolebaba <m.kolebaba@adamera.com> 10/13/17 3:31 PM >>>

Hi Christine,

Peter has informed me that he has not been able to reach Boris. The work is nor done. We are trying to reach Boris from our end.

Mark

From: Christine Wilson [mailto:Christine.Wilson@aadnc-aandc.gc.ca] Sent: Friday, October 13, 2017 8:55 AM To: Mark Kolebaba <m.kolebaba@adamera.com></m.kolebaba@adamera.com>
Cc: Gloria Zhang <g.zhang@adamera.com>; petershamou@gmail.com; wwong@pacificopportunity.com Subject: RE: removal of contaminated soil near Amer Lake</g.zhang@adamera.com>
Mark,
I wanted to follow up to see if this work was completed as purposed. Please provide a update before 5:00pm today.
Regards,
Christine
>>> Mark Kolebaba <m.kolebaba@adamera.com> 10/03/17 3:00 PM >>></m.kolebaba@adamera.com>
Christine,
Peter's Expediting is currently waiting for an available aircraft in Baker Lake. They have been waiting for about a week or so. Availability is expected by around October 7 th to October 9 th .
Removal Plan:
A crew will be mobilized on site by fixed wing aircraft.
The crew will use jack hammers as the soil is expected to be frozen.
The contaminated soil will be contained in Mega Bags and hauled to Baker Lake
The soil will be put on a barge and shipped south for proper disposal.
If this season's barge is missed, Peter's Expediting Services will safely store the contaminated soil for the following barge season.
This plan is dependent on aircraft availability and safe weather. We expect to get the soil removed by October 30.
Regards,
Mark Kolebaba

From: Peter Shamou [mailto:petershamou@gmail.com]

Sent: Friday, September 22, 2017 9:39 AM

To: Mark Kolebaba < m.kolebaba@adamera.com>

Subject: Re: removal of contaminated soil near Amer Lake

I have been at a NIRB hearings all week fro Aginco Eagle for the Whaler Tail but I will have one of Our staff work out the details to see when we can get this done. ANd reply should be aloning the way early next week.

Peter

On Tue, Sep 19, 2017 at 12:31 PM, Mark Kolebaba <m.kolebaba@adamera.com> wrote:

Hi Peter,

Great to talk to you. We would like to remove some contaminated soil from the airstrip near Amer Lake. The site is marked with a stake. Fuel from a single drum leaked out. Christine Wilson said it would be ok to remove the soil with a shovel and bucket and back fill the hole with surrounding material. This could be done by with an single Otter and a mega bag.

This would have to be done before freeze up. Please let me know what you can do.

Talk to you soon

Mark Kolebaba