

From: [Sabrina Sturman](#)
To: [Fraser, Melissa](#); [Alex Lynch](#); [Trevor.Bremner@gov.nt.ca](#)
Cc: [Michael Brownlee](#); [Andrea Jenney](#)
Subject: RE: Transport Canada - Norman Wells LTU - 2018 Field Work - S17L8-003 S17X-004 (Svd in RDIMS)
Date: June 25, 2018 9:55:00 AM

Thank you Melissa for the update.

The information provided regarding the Land Use Fees is standard wording associated with closure of a LUP. The rate is \$50/hectare above the first 2 which are included in the application fee (not applicable to Federal Agency). When you calculate actual land used, including the proposed laydown areas, in the Final Plan, please ensure you calculate if land use >2ha.

This message will be posted to the online registry as a notification of operations status.

Please don't hesitate to contact me if you have any further questions or concerns.

Kind Regards,
Sabrina

From: Fraser, Melissa [mailto:melissa.fraser@tc.gc.ca]
Sent: June 21, 2018 12:05 PM
To: Sabrina Sturman <sabrina.sturman@slwb.com>; Alex Lynch <Alex_Lynch@gov.nt.ca>; Trevor_Bremner@gov.nt.ca
Cc: Michael Brownlee <Michael.Brownlee@pwgsc-tpsgc.gc.ca>; Andrea Jenney <ajenney@blumetric.ca>
Subject: RE: Transport Canada - Norman Wells LTU - 2018 Field Work - S17L8-003 S17X-004 (Svd in RDIMS)

Good Morning,

To update you all, field work at the Norman Wells LTU has been slightly delayed.....BluMetric expects to mobilize and start onsite Monday June 25th.
The primary contact from BluMetric will be confirmed once determined.

Sabrina – in terms of the below, all parties TC, PSPC and BluMetric are aware of requirements stated below.

Question – can you please clarify what is meant by - a calculation of Land Fees?

If you have any questions or concern please let me know

Thank you

Melissa Fraser

Environmental Officer, Praire and Northern Region
Transport Canada / Government of Canada

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From: Sabrina Sturman [<mailto:sabrina.sturman@slwb.com>]
Sent: Wednesday, June 13, 2018 12:36 PM
To: Fraser, Melissa <melissa.fraser@tc.gc.ca>; Alex Lynch <Alex_Lynch@gov.nt.ca>;
Trevor_Bremner@gov.nt.ca
Cc: Michael Brownlee <Michael.Brownlee@pwgsc-tpsgc.gc.ca>
Subject: RE: Transport Canada - Norman Wells LTU - 2018 Field Work - S17L8-003 S17X-004 (Svd in RDIMS)

Good Morning Melissa and thank you for providing this update.

In terms of the work proposed for this summer, I just wanted to reference a few conditions that relate to reporting requirements as the projects prepares for completion. Please also note that I have included Trevor Bremner (GNWT-Lands) as a recipient as information provided also relates to the process for closure of Permit S17X-004.

As per Licence **S17L8-003 Part E, condition 10**, the Licensee shall provide analytical results for Water sampling from SNP station 2017-1, with the proposed discharge location, to an Inspector and the Board a minimum of 10 days prior to the discharge of standing Water from the Landfarm. Discharge shall not commence until authorized in writing by an Inspector. The discharge/effluent quality criteria are outlined in **condition 11**.

As per **Part E, condition 12**, the Licensee shall ensure all treated soil from the Landfarm meets the remediation criteria for the proposed end use as per the GNWT's Environmental Guideline for Contaminated Site Remediation, unless otherwise authorized by the Board and an Inspector and a list of the minimum analytical requirements are listed with the sampling method provided in **condition 13**. Also, as per **condition 14**, prior to removing treated soil from the Landfarm, the Licensee shall submit soil analytical results, with proposed location, to the Inspector and the Board a minimum of 10 days prior to commencing removed of treated soil from the Landfarm. Removal of treated soils shall not commence until authorized in writing by an Inspector.

I also wanted to share requirements for final clearance for Permit S17X-004. According to the Mackenzie Valley Land Use Regulations (MVLUR), a Final Plan must be submitted which includes the information set out in Section 29 of the MVLUR, as follows:

- A map, normally at scale of 1:50,000, showing the location, the area, and distances of all land use operations. Please refer to the Board's Standard's for Geographic Information System (GIS) Submissions for further requirements;
- A summary of hectares utilized in each aspect of the land use operation; and
- A calculation of land fees.

Once a Final Plan has been received and processed, which includes confirmation by an Inspector and recommendation for file closure, the SLWB will be able to issue a Letter of Clearance, thereby closing the Land Use Permit. There is currently not a formal process for closing a Water Licence, however, all reporting requirements cease upon confirmation by a Water Licence Inspector that the conditions of the Licence have been met. Alternatively, Transport Canada could also apply for cancellation of the Licence prior to the expiry date.

I copy of this correspondence will also be posted to the public registry.

Please don't hesitate to follow up should you have any concerns or questions.

Respectfully,
Sabrina

From: Fraser, Melissa [<mailto:melissa.fraser@tc.gc.ca>]
Sent: June 13, 2018 10:50 AM
To: Sabrina Sturman <sabrina.sturman@slwb.com>; Alex Lynch <Alex_Lynch@gov.nt.ca>
Cc: Michael Brownlee <Michael.Brownlee@pwgsc-tpsgc.gc.ca>
Subject: Transport Canada - Norman Wells LTU - 2018 Field Work - S17L8-003 S17X-004

Good Morning Sabrina / Alex,

I hope you're having a nice week so far!

We wanted to keep you looped in on our planned field work this summer at the Norman Wells Airport LTU

Phase 1 – mid week of June 18 (to be confirmed)

- Investigate ponded water within berm walls – if required compliant GNT water will be pumped out to surrounding walls.
- Sampling event for soil and groundwater – currently meet GNT guidelines
- Site Survey for future use in decommissioning phase

Phase 2 – June /early July 2018

- Delineation of potential impacted soil that migrated beneath the liner
- Clean soil will be removed from the LTU and stock piled locally within LTU foot print
- Liner will be investigated and delineation (drilling) will commence

Phase 3 – late August / Early September

- Once analytical results received, volume estimated, it will be determined if we continue with hot spot remediation containerizing contaminated soil that migrated through tears in the liner.
- If this is the case, Decommissioning activities will occur prior - the berm walls will come down and liner will be sampled and disposed of at the Norman Wells Landfill.

The above is a brief summary of what TC hopes to accomplish this year

Please let me know if you have any questions or concerns in moving forward.

Melissa Fraser

Environmental Officer, Praire and Northern Region

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