

**From:** [Derek Snider](#)  
**To:** [Brodie Costello](#)  
**Cc:** [Roberta Judas](#); [Dan Tucholski](#)  
**Subject:** Behchoko Landfill update - Fenceline change  
**Date:** Monday, September 10, 2018 8:09:06 PM  
**Attachments:** [image001.jpg](#)  
[image142633.jpg](#)  
[image892984.png](#)  
[image305777.png](#)  
[image651657.png](#)

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Hello Brodie,

We are finalizing the new landfill in Behchoko and are installing a fence along the perimeter. The issue that we have encountered is the proposed fence line is along a very wet, ponded area of water in the southeast corner of the landfill. Currently this pond is about 0.6 m deep and prevents access with any machinery. Instead, we propose that the fence line should follow solid ground, slightly within the landfill boundary of future Cell 4. Only Cell 1 is being developed currently, and we do not expect Cell 4 to be developed or used within the next 20 to 25 years. When this cell is developed, the fence line can be reinstalled along the outside of the berm when construction occurs in this area.

This is not ideal, but to ensure that the fence is placed on solid ground, and to allow the landfill to commence receiving waste (in Cell 1), the fence line should be moved within the foot print of the landfill in the South East corner.

I do not believe this interferes with the permitting, and it is not a major change in the design. I want to keep you informed in any of our changes.

If you have any questions, please don't hesitate to call.

Thank you,

Derek

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**Derek Snider - Environmental Engineer - (T) (613) 531-2725 x222 (C) (613) 324-1563**



**Derek Snider, P.Eng.**

Environmental Engineer

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**From:** Jessica Pacunayen [mailto:[jpacunayen@wlwb.ca](mailto:jpacunayen@wlwb.ca)]

**Sent:** Friday, August 17, 2018 3:28 PM

**To:** Derek Snider

**Cc:** Brodie Costello; Roberta Judas

**Subject:** RE: Behchoko Landfill update

Thanks for keeping us in the loop, Derek.

For future correspondence, please direct all emails to Brodie Costello (cc'd here) as he'll be taking over the municipal files while I'm away for school.

Masi,  
Jessica

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**From:** Derek Snider <dsnider@blumetric.ca>  
**Sent:** August 17, 2018 11:58  
**To:** Jessica Pacunayen <jpacunayen@wlwb.ca>  
**Cc:** Louisa Wedzin <sao@behchoko.ca>; Treeva Richardson <asao@behchoko.ca>; Roberta Judas <rjudas@wlwb.ca>; Sapan Seth <cfo@behchoko.ca>; Dan Tucholski <dtucholski@blumetric.ca>; Carolyn Miller <cmiller@blumetric.ca>  
**Subject:** Behchoko Landfill update

Hello Jessica,  
I would like to give you an update with the landfill construction in Behchoko. The work was delayed at the beginning of the year due to the high amounts of rain making clay placement impossible. The fence line was ordered, and will be installed in the next few weeks. The berms are being constructed and compacted. The first lift was tested last week and the compaction requirements are being met. We are well over half way for clay placement along the berm.

We fully expect that the landfill will be constructed by the end of the summer, weather dependent. Once the landfill is finalized, and the fenceline constructed, we will provide you with the construction report including the as-built drawings.

Thank you,

Derek

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**From:** Jessica Pacunayen [<mailto:jpacunayen@wlwb.ca>]  
**Sent:** Wednesday, May 09, 2018 12:18 PM  
**To:** Derek Snider  
**Cc:** Louisa Wedzin; Treeva Richardson; Roberta Judas  
**Subject:** RE: Behchoko Landfill and Landfarm update

Hi Derek,

So the Closure and Reclamation Plan for the Landfarm is to be submitted as per Part I, Condition 1 of Behchoko's [Water Licence](#) and in accordance with schedule 4 (included in the Licence). The Licence does require a closure and reclamation plan to be submitted six months prior to closure; however,

sufficient rationale should be provided in the cover letter (e.g., timing, efficiency, etc.) if the Community Government of Behchoko wishes to conduct closure sooner. Should the Community Government of Behchoko plan to close the landfarm this summer, please provide the closure and reclamation plan with a cover letter stating any rationale as soon as possible.

Part D of the Water Licence outlines the regulatory requirements related to the new solid waste facility. The Community of Behchoko already has [design specifications](#) for the new solid waste facility and as per Part D, Condition 16 and 17:

- As-built drawings are required 30 days prior to using the new solid waste facility; and
- Fencing shall be installed and maintained to the satisfaction of an inspector prior to using the new solid waste facility.

Please let me know if there's anything else you need assistance with.

Masi,  
Jessica

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**From:** Derek Snider <[dsnider@blumetric.ca](mailto:dsnider@blumetric.ca)>  
**Sent:** May 8, 2018 11:28  
**To:** Jessica Pacunayen  
**Cc:** Louisa Wedzin <[sao@behchoko.ca](mailto:sao@behchoko.ca)>  
**Subject:** Behchoko Landfill and Landfarm update

Hello Jessica,

There has been some staff changes here at BluMetric and with the Community Government of Behchoko .

Eric Andert has moved onto different opportunities and I have been provided with his files for Behchoko. It appears that work was not completed last year due to immediate berm repair on the sewage lagoon which I think you are aware of. The 2017 schedule would most likely apply for the 2018 summer season (see attached).

Eric was able to collect site survey information and soil samples from the landfill and Landfarm on October 5 2017. I am completing a Landfarm report now and will provide it to the community government in a few days. The results appear to be below the water license criteria (GNWT tables). Could you provide me with what is required for the Landfarm Closure and Reclamation Plan and any other requirements? I think it must be submitted 6 months prior to decommissioning.

Louisa Wedzin is now the SAO for Behchoko, and Treeva Richardson is the assistant SAO. Larry Barron (former SAO) is still kept in the loop and provides assistance when required.

Are there any outstanding permits/requirements that need to be completed prior to landfill construction?

I am available all week if you have any questions.

Thank you,

Derek



**Derek Snider, P.Eng.**

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