

**From:** [Public Works Superintendent](#)  
**To:** [Anneli Jokela](#)  
**Cc:** [Roberta Judas](#); [Pushp Seth](#); [Gregory McKay](#)  
**Subject:** RE: Community Government of Behchoko - July 29, 2021 Decisions - Final submissions  
**Date:** February 13, 2023 11:44:45 AM  
**Attachments:** [image005.png](#)  
[image006.png](#)  
[image007.png](#)  
[image001.png](#)

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Good afternoon,

In regards to the public comments to the sludge characterizations from the Rae and Edzo water treatment plant sludge samples from the fall of 2021, the CGB will submit comments provided by our contractor, BluMetric, noted below.

Specific to the comments, they are asking why some of the hold times were exceeded.

For PH – the hold time is 15 minutes, which is impossible to meet. However our field tech has confirmed that he left a PH pen with you guys to grab PH readings whenever you need. He could not remember if the sludge was too thick to record PH in the field at the time, and no photos were taken.

For Nitrate and Nitrites – the hold time is 3 days. We had the samples into the lab within 2.5 hours of the sample time, but apparently the samples are shipped from Yellowknife to another lab to be analyses. I have called ALS to confirm but am still waiting to hear back from them about that, and what the implications of exceeding the hold time are. If there is not a local lab to analyze for this then there is no choice but to exceed the hold times.

We hope this will be satisfactory.

Thank you

*Curtis Coleman (CAMP)*  
*Public Works Superintendent*  
*Community Government of Behchoko*  
*Ph: 867-492-0091*

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**From:** Anneli Jokela <ajokela@wlwb.ca>  
**Sent:** February 13, 2023 11:02 AM  
**To:** Public Works Superintendent <pws@behchoko.ca>  
**Cc:** Roberta Judas <rjudas@wlwb.ca>  
**Subject:** FW: Community Government of Behchoko - July 29, 2021 Decisions - Final submissions

Dzę nezł (Good day) Curtis,

The comments on the sludge characterization can be found here: [WSF - CTP - Sludge](#)

## Characterization Results for Rae and Edzo's WTP

Just scroll down to the bottom and click on the organization names to see the comments/recommendations that were provided.

I'm happy to connect again once you've had a look at them and if you have any follow-up questions.

Masi,

**Anneli Jokela, PhD (she/her/hers)**

Regulatory Manager

**Wek'èezhì Land and Water Board**

#1-4905 48th St. | Yellowknife, NT | X1A 3S3

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**From:** Anneli Jokela

**Sent:** February 13, 2023 10:17 AM

**To:** Public Works Superintendent <[pws@behchoko.ca](mailto:pws@behchoko.ca)>

**Cc:** Roberta Judas <[rjudas@wlb.ca](mailto:rjudas@wlb.ca)>; Pushp Seth <[sao@behchoko.ca](mailto:sao@behchoko.ca)>; Gregory McKay <[gmckay@blumetric.ca](mailto:gmckay@blumetric.ca)>

**Subject:** RE: Community Government of Behchoko - July 29, 2021 Decisions - Final submissions

K'omqòdqò hojzì (Good morning!) Curtis,

At this time, Board staff are just trying to gather information to help the Board understand what information is available and what limitations may exist with the current dataset and/or sampling options. Any requirement for additional sampling would come from the Board but they haven't considered the results of the sludge characterization yet or of the issues that have come up during the public review yet.

Happy to chat more about this over the phone if you would like and if that would be helpful.

Masi,

**Anneli Jokela, PhD (she/her/hers)**

Regulatory Manager

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**From:** Public Works Superintendent <[pws@behchoko.ca](mailto:pws@behchoko.ca)>  
**Sent:** February 13, 2023 8:40 AM  
**To:** Anneli Jokela <[ajokela@wlb.ca](mailto:ajokela@wlb.ca)>  
**Cc:** Roberta Judas <[rjudas@wlb.ca](mailto:rjudas@wlb.ca)>; Pushp Seth <[sao@behchoko.ca](mailto:sao@behchoko.ca)>; Gregory McKay <[gmckay@blumetric.ca](mailto:gmckay@blumetric.ca)>  
**Subject:** RE: Community Government of Behchoko - July 29, 2021 Decisions - Final submissions

Good morning Anneli,

Would it be better that we take new samples?

Thoughts?

Thank you

*Curtis Coleman (CAMP)  
Public Works Superintendent  
Community Government of Behchoko  
Ph: 867-492-0091*

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**From:** Anneli Jokela <[ajokela@wlb.ca](mailto:ajokela@wlb.ca)>  
**Sent:** February 10, 2023 12:01 PM  
**To:** Pushp Seth <[sao@behchoko.ca](mailto:sao@behchoko.ca)>; Public Works Superintendent <[pws@behchoko.ca](mailto:pws@behchoko.ca)>  
**Cc:** Roberta Judas <[rjudas@wlb.ca](mailto:rjudas@wlb.ca)>  
**Subject:** RE: Community Government of Behchoko - July 29, 2021 Decisions - Final submissions

Dzë nezj (Good day),

We are following up as we haven't received any update from the Community Government of Behchokò (CGB) regarding the outstanding comment responses discussed in the email thread below.

Would the CGB like Board staff to have the responses provided by the consultant below be considered as the CGB's responses to the public review comments? If so, can the CGB provide a response to the question about whether field pH measurements were taken. If they were taken, what were the results? If they were not taken, please explain?

Masi,

**Anneli Jokela, PhD (she/her/hers)**

Regulatory Manager

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**From:** Pushp Seth <[sao@behchoko.ca](mailto:sao@behchoko.ca)>

**Sent:** January 30, 2023 4:43 PM

**To:** Public Works Superintendent <[pws@behchoko.ca](mailto:pws@behchoko.ca)>

**Cc:** Anneli Jokela <[ajokela@wlwb.ca](mailto:ajokela@wlwb.ca)>

**Subject:** FW: Community Government of Behchoko - July 29, 2021 Decisions - Final submissions

Pls contact Anneli asap and resolve the long pending matter

**Pushp Seth**

SAO at Community Government of Behchokò

**Phone** 867-392-6500 ext 2302

**Email** [sao@behchoko.ca](mailto:sao@behchoko.ca)

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**From:** Gregory McKay <[gmckay@blumetric.ca](mailto:gmckay@blumetric.ca)>

**Sent:** January 26, 2023 8:36 AM

**To:** Pushp Seth <[sao@behchoko.ca](mailto:sao@behchoko.ca)>; Lawrence Kotchilea <[works@behchoko.ca](mailto:works@behchoko.ca)>

**Cc:** Anneli Jokela <[ajokela@wlwb.ca](mailto:ajokela@wlwb.ca)>; Carolyn Miller <[cmiller@blumetric.ca](mailto:cmiller@blumetric.ca)>

**Subject:** FW: Community Government of Behchoko - July 29, 2021 Decisions - Final submissions

Hi Pushp and Curtis,

Anneli at the water board reached out to me regarding some public comments to the sludge characterizations from the Rae and Edzo water treatment plant sludge samples from the fall of 2021. I understand that they have reached out to you as well (with no response yet).

Specific to the comments, they are asking why some of the hold times were exceeded.

For PH – the hold time is 15 minutes, which is impossible to meet. However our field tech has confirmed that he left a PH pen with you guys to grab PH readings whenever you need. He could not remember if the sludge was too thick to record PH in the field at the time, and no photos were taken.

For Nitrate and Nitrites – the hold time is 3 days. We had the samples into the lab within 2.5 hours of the sample time, but apparently the samples are shipped from Yellowknife to another lab to be analysed. I have called ALS to confirm but am still waiting to hear back from them about that, and what the implications of exceeding the hold time are. If there is not a local lab to analyze for this then there is no choice but to exceed the hold times.

Anneli is hoping to clear up these questions ASAP, but this may require another round of sampling. Please reach out to Anneli about her questions, and please reach out to me if you need any more information from BluMetric.

Greg

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**Gregory McKay - Senior Geomatics Specialist, Team Lead –** - (T) [877-487-8436](tel:877-487-8436) - (C) [613-806-1728](tel:613-806-1728)  
**Geomatics**

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**From:** Anneli Jokela <[ajokela@wlb.ca](mailto:ajokela@wlb.ca)>

**Sent:** Monday, January 23, 2023 3:04 PM

**To:** Gregory McKay <[gmckay@blumetric.ca](mailto:gmckay@blumetric.ca)>

**Cc:** Roberta Judas <[rjudas@wlb.ca](mailto:rjudas@wlb.ca)>

**Subject:** FW: Community Government of Behchoko - July 29, 2021 Decisions - Final submissions

You don't often get email from [ajokela@wlb.ca](mailto:ajokela@wlb.ca). [Learn why this is important](#)

Dzë tanj hqjzł (Good afternoon) Gregory,

I was hoping to follow-up with a BlueMetric submission that Yannick worked on a little while ago. Would it be possible to give you call?

The specific submissions are two sludge characterizations ([Rae](#) and [Edzo](#)) from the Water Treatment Plant in the community of Behchokò in the Northwest Territories.

Masi,

Masi,

**Anneli Jokela, PhD (she/her/hers)**

Regulatory Manager

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**From:** Anneli Jokela

**Sent:** January 23, 2023 12:58 PM

**To:** Yannick Lanthier <[ylanthier@blumetric.ca](mailto:ylanthier@blumetric.ca)>

**Cc:** Roberta Judas <[rjudas@wlb.ca](mailto:rjudas@wlb.ca)>

**Subject:** RE: Community Government of Behchoko - July 29, 2021 Decisions - Final submissions

Dzè tanj hq̄z̄l̄ (Good afternoon) Yannick,

I know it's been quite a while since these sludge results were submitted, but I was hoping to follow-up with a quick question that came up about them. Is there a time I could reach you on the phone? I'm generally in the office between 9am-5pm MST (except during noon hour) from Monday to Friday if you would like to try to give me a call (number is below).

Masi,

**Anneli Jokela, PhD (she/her/hers)**

Regulatory Manager

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**From:** Yannick Lanthier <[ylanthier@blumetric.ca](mailto:ylanthier@blumetric.ca)>

**Sent:** October 27, 2021 1:48 PM

**To:** Roberta Judas <[rjudas@wlb.ca](mailto:rjudas@wlb.ca)>

**Cc:** Anneli Jokela <[ajokela@wlb.ca](mailto:ajokela@wlb.ca)>; ASAO <[asao@behchoko.ca](mailto:asao@behchoko.ca)>

**Subject:** Community Government of Behchoko - July 29, 2021 Decisions - Final submissions

Good afternoon Roberta,

Please find attached the non-secured version of the following documents:

- Version 1.1 of the Rae and Edzo Efficacy Studies.
- Version 2.1 of the Rae and Edzo SDF O&M Plan and a cover letter that includes the sludge removal schedule.
- Cover letter for the characterization of the Rae Water Supply Facility Sludge samples. (Results pending for Edzo but sample taken)

Feel free to contact me if you have any questions regarding those documents.

Regards,

Yannick



**Yannick Lanthier**

Manager - Geomatics

**(T) 819-243-7555, 260 (C) 613-894-3517**

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