

From: [Jessica Pacunayen](#)
To: [Roberta Judas](#)
Subject: FW: Behchoko Landfill and Landfarm update
Date: May-09-18 11:38:14 AM

From: Jessica Pacunayen
Sent: May 9, 2018 09:18
To: 'Derek Snider' <dsnider@blumetric.ca>
Cc: 'Louisa Wedzin' <sao@behchoko.ca>; 'Treeva Richardson' <asao@behchoko.ca>; Roberta Judas <rjudas@wlwb.ca>
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

From: Derek Snider <dsnider@blumetric.ca>
Sent: May 8, 2018 11:28
To: Jessica Pacunayen
Cc: Louisa Wedzin <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.
Environmental Engineer
(T) (613) 531-2725 x222 (C) (613) 324-1563
dsnider@blumetric.ca - www.blumetric.ca

Preliminary Closure Schedule
Behchoko Sanitary Waste Facility-West
YB11581-00-00

				Jun '17	Jul '17	Aug '17	Sept '17
		Start Date	End Date				
1	Submittals	23/06/2017	30/06/2017				
	Bid Documents, Insurances etc.	23/06/2017	30/06/2017				
	Health & Safety Plan	23/06/2017	30/06/2017				
2	Mobilization	03/07/2017	10/07/2017				
3	Signage	03/07/2017	28/08/2017				
4	Surveying	03/07/2017	25/08/2017				
5	West Access Route Closure & Gate	15/07/2017	24/08/2017				
6	Dust Control	15/07/2017	31/08/2015				
7	Source Borrow Material /Permeability Testing	10/07/2017	07/08/2017				
8	Install Construction Sediment Controls	10/07/2017	17/07/2017				
9	Segregation/Removal of Non-waste Items	10/07/2017	20/07/2017				
	Segregated Material Removal	10/07/2017	20/07/2017				
	Scrap Metal Removal	10/07/2017	20/07/2017				
	White Goods Removal	10/07/2017	20/07/2017				
	Crushing of Bulky Waste	10/07/2017	20/07/2017				
10	Import /store Low Permeable Material	20/07/2017	17/08/2017				
11	Cover Placement	20/07/2017	17/08/2017				
12	Surface Grading	17/08/2017	24/08/2017				
	Landscaping & Vegetative Cover	17/08/2017	24/08/2017				
13	Land Farm Closure	10/07/2017	26/08/2017				
	Tilling (x2 per week)	10/07/2017	14/08/2017				
	Sampling	14/08/2017	14/08/2017				
	Closure	24/08/2017	26/08/2017				
14	Fencing	10/08/2017	24/08/2017				
15	Demobilization	24/08/2017	31/08/2017				

Preliminary Implementation Schedule
Development of Behchoko Sanitary Waste Facility-East Expansion
Project No. YB11581-00-00

				Jun '17	Jul '17	Aug '17	Sept '17
		Start Date	End Date				
1	Submittals	23/06/2017	30/06/2017				
	Bid Documents, Insurances etc.	23/06/2017	30/06/2017				
	Health & Safety Plan	23/06/2017	30/06/2017				
2	Mobilization	03/07/2017	10/07/2017				
3	Signage	03/07/2017	28/08/2017				
4	Surveying	03/07/2017	28/08/2017				
	Layout	03/07/2017	06/07/2017				
	Closure	24/08/2017	28/08/2017				
5	Dust Control	03/07/2017	07/09/2017				
6	Access Route	15/07/2017	29/07/2017				
	Addition of granular	15/07/2017	29/07/2017				
	Grading (<10%)	15/07/2017	29/07/2017				
7	Brush Clearing/Grubbing - perimeter for fence	15/07/2017	22/07/2017				
	Firewood Segregation	15/07/2017	22/07/2017				
	Chipping/mulching	15/07/2017	22/07/2017				
	Grubbing	15/07/2017	22/07/2017				
8	Source Borrow Material /Permeability Testing	03/07/2017	17/07/2017				
9	Install Construction Sediment Controls	15/07/2017	29/07/2017				
10	Import /Store Low Permeable Material	13/07/2017	20/07/2017				
11	Excavating/Filling	13/07/2017					
	Landfill Base Leveling	13/07/2017	17/07/2017				
	Fill of Low Permeable Base Layer	17/07/2017	20/07/2017				
12	Storage Staging Area	01/08/2017	08/08/2017				
13	Surface Grading	10/08/2017	31/08/2017				
	Exterior to Facility	10/08/2017	17/08/2017				
	Drainage Ditch	17/08/2017	21/08/2017				
	Erosion Control Installations	17/08/2017	24/08/2017				
14	Perimeter Berms	01/08/2017	15/08/2017				
	Placed & Compacted on three sides	01/08/2017	15/08/2017				
	Place cover as required (CGB)						
15	Fencing	10/08/2017	24/08/2017				
16	Demobilization	31/08/2017	05/09/2017				