



Mackenzie Valley Land and Water Board  
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FILE NUMBER:         MV2011L3-0001        

Date:         August 31, 2016          
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From:         Elaine for Erica Janes, Regulatory Officer          
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**Remarks:**

Request for review and comment on the Request for  
SNP Change submitted by the Town of Fort Smith

Request is attached

- Enclosures
- As requested
- For your information
- For your comment
- For your approval

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## Permits

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**From:** ORS Administrator <lwbors@yk.com>  
**Sent:** Wednesday, August 31, 2016 2:55 PM  
**To:** Undisclosed Recipients  
**Subject:** Request for Comments on MVLWB Item - Town of Fort Smith – Request for Surveillance Network Program (SNP) Change (MV2011L3-0001)

The Mackenzie Valley Land and Water Board invites reviewers to submit comments on **Town of Fort Smith – Request for Surveillance Network Program (SNP) Change (MV2011L3-0001)** via the LWB Online Review System.

- To access **Town of Fort Smith – Request for Surveillance Network Program (SNP) Change (MV2011L3-0001)**, please follow this link: [LWB Online Review System](#).
- The deadline for reviewers to submit comments is Sep 13 at 9:59pm Mountain Time.
- The deadline for the proponent to submit responses is Sep 20 at 9:59pm Mountain Time.
- The User Manual for the LWB Online Review System is available [here](#).

This request is being distributed by email only. If you require materials to be mailed or faxed, or require other assistance, please contact the Mackenzie Valley Land and Water Board.

- Erica Janes: 867-766-7466 [ejanes@mvlwb.com](mailto:ejanes@mvlwb.com)
- Heather Scott: 867-766-7463 [heather.scott@mvlwb.com](mailto:heather.scott@mvlwb.com)
- Jen Potten: 867-766-7468 [jpotten@mvlwb.com](mailto:jpotten@mvlwb.com)

Please sign in to update your notification preferences and note that this is a system generated email, so any feedback should be directed to [permits@mvlwb.com](mailto:permits@mvlwb.com).



# TOWN OF FORT SMITH

Post Office Box 147, Northwest Territories, X0C 0P0

July 28, 2016

Miki Ehrlich  
Regulatory Officer  
Mackenzie Valley Land and Water Board  
7th Floor, 4922-48th St.  
PO Box 2130  
Yellowknife, NT X1A 2P6

Mackenzie Valley Land  
& Water Board

File \_\_\_\_\_

AUG 16 2016

Application # MV2011L3-0001  
Copied To ES I K

Dear Ms. Ehrlich,

**Re: Town of Fort Smith Municipal Water Licence MV2011L3-0001**

As per discussion at the July 19, 2016, Town of Fort Smith Municipal Water Licence meeting, the Town of Fort Smith (Town) submits the following:

- Request for revision to SNP 567-6 sampling requirements. As per Surveillance Network Program Section B1, SNP 567-6 is required to be sampled monthly. The Town is requesting that this be revised to monthly "during open water only". This request is due to the hazards associated with sampling during the winter, spring break-up, and fall freeze-up.
- Advise on status of Town of Fort Smith Water Licence Schedule 2.2 deliverables. As per Surveillance Network Program Section A, SNP 567-5 (groundwater monitoring wells) is inactive. In addition, a September 29, 2011, decision by the Mackenzie Valley Land and Water Board (Board) states that "... the SNP requirements for the groundwater monitoring at the Solid Waste Disposal Facility have been removed and SNP station 567-5 made inactive. Groundwater monitoring requirements will now be detailed in the Groundwater Monitoring and Protection Plan as required under Part D, Item 8." The Groundwater Monitoring and Protection Plan referenced in this decision is currently before the Board for review.
- Request an extension to the Town of Fort Smith Water Licence Schedule 4.2 deliverables (Landfill Operation and Maintenance Plan). The Town of Fort Smith Interim Closure and Reclamation Plan (ICRP) is currently before the Board for review. This is a substantive plan that allows for expansion of the Landfill and an additional 50 years of facility life. Once the ICRP is approved, the Town intends to design and construct the expanded Landfill. The Town anticipates that Landfill operations and maintenance will change



# TOWN OF FORT SMITH

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dramatically upon implementation of proposed upgrades. The Town would like to delay development of the Landfill Operations and Maintenance Plan until the ICRP is approved and design of Landfill expansion is complete. Requested new deadline for the Landfill Operation and Maintenance Plan is September 30, 2017. Alternatively, the Town can submit a Landfill Operations and Maintenance Plan that reflects current practice, then substantially update this document when the Landfill is expanded in 2017. This would be an additional cost to the Town; estimated to be approximately \$15,000 as per dialog with the consultant currently assisting the Town with Board deliverables.

- Advise on status of outstanding operational Water Licence issues. As per the list of 16 outstanding items, the Town has the following response:
  1. Sewage lagoon Cells 1 and 2 have had the vegetation removed from berms. The secondary cell will be complete by freeze-up 2016.
  2. Sign will be posted at SNP 567-6 by freeze-up 2016.
  3. Monthly monitoring of SNP 567-6 has commenced.
  4. Sewage lagoon Cells 1 and 2 have been desludged. The contractor who performed desludging advises the secondary cell does not require desludging at this time. The Town will measure sludge depth in the secondary cell once appropriate procedures for this work have been established, PPE and equipment purchased, and safe work training completed. These procedures are contained in the Sewage Lagoon Operation and Maintenance Plan which is currently before the Board for review. The Town cannot guarantee that this work will be complete by freeze-up 2016.
  5. Please see response to Item #4 above regarding Sewage Lagoon desludging.
  6. Maintenance work on the Landfill electric fence is underway and will be complete by freeze-up 2016.
  7. Current Landfill Operations and Maintenance procedures only require compaction and cover twice per year. The Town is amenable to increasing the frequency of this work, but suggests that this dialog occur during review of the ICRP and subsequent Landfill expansion design and Landfill Operations and Maintenance Plan development. Note that additional cover would require additional cover material so should be considered as part of the design of the expanded Landfill. Further, compaction and cover during summer months is difficult given the lack of availability of local contactors (bulldozers tend to travel out of town for fire season); additional compaction and cover would most likely require that the Town purchase equipment, construct a facility to store this equipment, and hire/train additional personnel.



## TOWN OF FORT SMITH

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8. The Town has been stockpiling metals, whites, and vehicles, in order to ensure economy of scale during removal of said items. All items are typically removed to waste metal receivers located in Southern Canada. As a result, the transport of these heavy and bulky goods is a considerable expense. Further, the value of these metals varies dramatically with commodity prices. Cost-effective removal only occurs when there is a significant stockpile of material and commodity prices are high. The Town is currently working to have these items removed, but cannot guarantee that this work will be complete by freeze-up 2016.
9. This work is underway and will be complete by freeze-up 2016 provided a receiver of the remaining e-waste can be identified; remaining e-waste items are damaged (i.e., fire, broken glass) and the GNWT has refused to receive them, yet the Town is hesitant to landfill these items.
10. Work is underway to hire a carrier to transport current hazardous waste stored at the Landfill to an offsite receiver. The Town intends to have this work complete by freeze-up 2016.
11. Remediation of the lined contaminated soils area, or fencing of this area to discourage wildlife, will occur during construction of the expanded Landfill, scheduled for Summer 2017.
12. The Town will determine if it wants to become a hazardous waste receiver during the design of the expanded Landfill, scheduled for Winter 2016/17.
13. Please see response to Items #11 and #12 above regarding hazardous waste storage.
14. The Town has been mounding waste at the Landfill since Spring 2016.
15. Please see response above regarding groundwater monitoring.
16. Outstanding Annual Reports are currently before the Board for review.

Please contact the undersigned should you have further questions.

Sincerely,

Keith Morrison  
Senior Administrative Officer

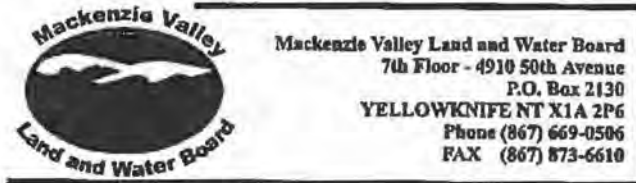
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003	770	8678723586	03:06:17 p.m. 08-31-2016	00:01:02	6/6	1	EC	HS	CP28800