

Webb, Bruce (CWS)

From: Webb, Bruce (CWS)
Sent: October-04-13 9:10 AM
To: Steele, Tania (CWS)
Subject: Rural Municipality of Swan River Rural Water Supply System Expansion File: 5660.00

The attached material can be distributed to the public registries for the above project:

Additional information request: No additional information required.

Public Comments: (2 pages)

Brian Cotton, August 22, 2013

Merv Beasley, August 23, 2013

Technical Advisory Committee Comments: (12 pages)

Manitoba Conservation and Water Stewardship, Environmental Compliance and Enforcement Branch, August 15, 2013
Manitoba Conservation and Water Stewardship, Watersheds and Protected Areas Branch and Lands Branch, September 24, 2013

Manitoba Conservation and Water Stewardship, Parks and Natural Areas Branch, September 3, 2013

Manitoba Conservation and Water Stewardship, Water Science and Management Branch, Water Quality Management Section, August 26, 2013

Manitoba Conservation and Water Stewardship, Fisheries Branch, September 12, 2013

Manitoba Conservation and Water Stewardship, Water Use Licensing Section, August 14, 2013

Manitoba Conservation and Water Stewardship, Water Control Works and Drainage Licensing Section, September 3, 2013

Manitoba Conservation and Water Stewardship, Office of Drinking Water, September 10, 2013

Manitoba Infrastructure and Transportation, Highway Planning and Design Branch, Environmental Services Section, September 3, 2013

Manitoba Health, Medical Officer of Health, Prairie Mountain Health, September 13, 2013

Manitoba Family Services and Labour, Office of the Fire Commissioner, August 27, 2013

Bruce.

Webb, Bruce (CWS)

From: Brian Cotton [cottonbridgefarm@gmail.com]
Sent: August-22-13 9:02 PM
To: Webb, Bruce (CWS) *BW*
Subject: Swan River rural water supply

Hi Bruce.

My wife and I live on a farm at NW 24-35-29W in the RM of Swan River.

We are in favor of a water line coming to our farm home. We have made this known a number of times.

I could not find the file #5660.00 on the web site but we do look forward to having potable water piped to our home.

Thank-you.

Brian Cotton

Webb, Bruce (CWS)

From: Merv and Jane Beasley [mervandjanebeasley@gmail.com]
Sent: August-23-13 2:38 PM
To: Webb, Bruce (CWS) BW
Subject: RM of Swan River Rural water Supply File 5660.00

I'm e-mailing to let you know that I am very much in favour of having rural water supply.
This has been an issue in the RM for many years and it is time to make it happen.

Merv Beasley

Home location SE 12-35-28

Webb, Bruce (CWS)

Subject: FW: Request for comments due September 13 , 2013 - R.M. of Swan River Water Supply
File: 5660.00

From: Yunker, Dave (CWS)

Sent: August-15-13 2:57 PM

To: Webb, Bruce (CWS)

Subject: FW: Request for comments due September 13 , 2013 - R.M. of Swan River Water Supply File: 5660.00

BW

Manitoba Conservation - Environmental Compliance and Enforcement Branch has no concerns at this time.

Webb, Bruce (CWS)

From: Kaita, Adara (CWS) on behalf of +WPG1212 - Conservation_Circulars (CWS)
Sent: September-24-13 3:09 PM
To: Webb, Bruce (CWS) *BSW*
Subject: EA Proposal - R.M. of Swan River - Water System Expansion - File: 5660.00

Hi Bruce,

Sorry for yet another late response!

The Watersheds and Protected Areas Branch has no concerns.

The Lands Branch requests that due to the absence of digital data to verify which Crown lands (if any) will be impacted by the proposed activity, the proponent is advised to contact the Regional Lands Manager for potential mitigation requirements where Crown lands are impacted,

It is also noted that the proponent shall, prior to development on Crown land apply for and obtain the appropriate land tenure allocations in accordance with The Crown Lands Act, from the Crown Land and Property Agency.

Thank you,

Adara Kaita
Crown Land Programs and Policy Manager
Conservation and Water Stewardship
Box 25, 200 Saulteaux Crescent
Winnipeg, MB R3J 3W3
Cell: (204) 945-6301
F: (204) 948-2197

Webb, Bruce (CWS)

From: Kelly, Jason (CWS)
Sent: September-03-13 10:43 AM
To: Webb, Bruce (CWS) *JSW*
Subject: Request for comments due September 13 , 2013 - R.M. of Swan River Water Supply File: 5660.00

Parks and Natural Areas Branch has reviewed the proposal filed pursuant to the Environment Act for the Request for comments due September 13 , 2013 - R.M. of Swan River Water Supply File: 5660.00. The Branch has no comments to offer as this does not impact any parks or ecological reserves.

Jason Kelly, M.N.R.M.
Ecological Reserves and Protected Areas Specialist
Parks and Natural Areas Branch
Conservation and Water Stewardship
Box 53, 200 Saulteaux Cres
Winnipeg, MB R3J 3W3

Phone: 204-945-4148
Cell:
Fax: 204-945-0012

Email: Jason.Kelly@gov.mb.ca

Webb, Bruce (CWS)

Subject: FW: Request for comments due September 13 , 2013 - R.M. of Swan River Water Supply
File: 5660.00

From: Jacobs, Kevin (CWS)
Sent: August-26-13 12:02 PM
To: Webb, Bruce (CWS) *ISW*
Cc: Hay, David (CWS)
Subject: RE: Request for comments due September 13 , 2013 - R.M. of Swan River Water Supply File: 5660.00

Hello Bruce:

On behalf of the Water Quality Management Section of Manitoba Conservation and Water Stewardship I reviewed the proposal pursuant to the Environment Act for rural water supply in the R.M of Swan River – Your file 5660.00. Based upon review of the proposal I did not identify any outstanding concerns with respect to surface water quality that could not be resolved using appropriate best management practices and mitigation measures in construction and operation of the water supply development. The raw water chemistry results presented in Table 1.5 were informative. It should be noted that the chemistry results for uranium were more than an order of magnitude higher in the treated water sample than the raw water sample. Possible reasons for this anomaly are not presented in the report. Also not described in the report is the method proposed for residual disinfection for the water supply. It is assumed it is chlorination and chloramination is not used.

The following recommendations could be considered as part of a potential Environment Act License for this project.

- Should any chlorinated water have the potential to enter surface waterbodies it should be de-chlorinated prior to release and in compliance with the Manitoba Water Quality Objective for total residual chlorine.
- A procedure be developed and implemented to identify leakage and respond to potential leaks particularly as they relate to surface water bodies
- A procedure be implemented to respond to accidents/ malfunctions during construction including potential frackouts when directional drilling, erosion, and spills of fluids from machinery. Appropriate materials to respond to emergency events should be on site at all times.
- Clearing of vegetation adjacent to water bodies be minimized and when necessary restored using native species
- Any areas of soil or vegetation that are disturbed during construction are stabilized and replanted using a seed mix appropriate for the area
- Any water crossings be directionally bored as opposed to open cut.
- All reasonable measures be implemented to prevent erosion and sediment from entering water bodies.

Thank you for the opportunity to review this proposal.

Kevin.

Webb, Bruce (CWS)

Subject: FW: EAP 5660.00 R.M. of Swan River Water Supply File due Sept 13 2013

From: Janusz, Lauren R (CWS)
Sent: September-12-13 3:55 PM
To: Webb, Bruce (CWS) BW
Cc: Kitch, Ian (CWS); Long, Jeff (CWS)
Subject: EAP 5660.00 R.M. of Swan River Water Supply File due Sept 13 2013

Hi Bruce,

Fisheries Branch has reviewed this proposal to install ~353 km of distribution pipeline to extend from the Town of Swan River water treatment plant (WTP) to service the rural municipality. The WTP receives raw water from three groundwater wells and is capable of meeting the peak day demands created from this expansion but will require an amendment to their Water Rights Act Licence to increase the total allowable annual quantity from 690.13 cubic decameters to 811 cubic decameters. In the proposal the applicants indicate that there will be three river crossings and fourteen creek crossings. Some of the rivers and creeks crossed include Keiller Creek, Ruby Creek, Tamarack Creek, Roaring River and Swan River.

Fisheries Branch is concerned with the information provided regarding stream crossings. There appears to be a discrepancy between the number of crossings that the applicants have indicated will be crossed with what the Figure provided in Appendix A shows. This discrepancy might be explained by what the applicants are determining as a watercourse. While they have indicated under Section 4.3 that horizontal drilling will be conducted to install the pipeline at the *drain and river outlets* under 5.6 they indicate this technique will be implemented under *all watercourses containing water*. There is no discussion on how they intend to cross those watercourse crossings which, at the time, may not have water.

All watercourses should be identified and the crossing technique noted. Assuming they will cross watercourses that have no water in them by trenching we could have concerns depending on the timing and connectivity to downstream reaches as well as our experience that trenching these smaller water features results in ongoing erosion issues. It would be preferable that the proponent horizontal drill any surface water feature that has a defined channel. For horizontal and/or trenching we would request that clauses be included in the licence that they adhere to DFO's Operation Statements for each of these activities. While no site specific crossing data was included it is likely that the rivers will be greater than 5 meters in width and therefore the proponent should determine what, if any review, is required by DFO.

Further with respect to directional drilling, the proponent has indicated that a minimum of 15 m of riparian area will be retained. We would request a clause that requires work, to the extent possible, be conducted 30 m from the high water mark of 3rd order and higher rivers and 15 m on any watercourses that are 1st and 2nd order. The applicant has provided a loss of fluid and frac out response plan. The plan does not identify the need to contact MCWS in the event that a frac out occurs and can't be contained or even a reporting process. Will there be a licence clause that requests notification when a failure occurs and also requires a report of occurrences?

Other standard clauses that would address any potential fisheries concerns include:

- chlorinated water must not be released directly to surface water
- implementation of erosion and sediment control measures

- requirement to clean equipment to prevent the spread of aquatic and terrestrial invasive species: *The Licencee shall, during construction and maintenance of the Development, prevent the introduction and spread of foreign aquatic and terrestrial biota by ensuring all equipment, including transport equipment, is clean before use at each location.*

Thanks Bruce.

Laureen Janusz
Fisheries Science and Fish Culture Section
Fisheries Branch
Conservation and Water Stewardship
Phone: 204 945-7789
Cell: 204 793-1154
Email: Laureen.Janusz@gov.mb.ca

Webb, Bruce (CWS)

Subject: FW: Request for comments due September 13 , 2013 - R.M. of Swan River Water Supply
File: 5660.00

From: Matthews, Rob (CWS)
Sent: August-14-13 9:26 AM
To: Webb, Bruce (CWS) *BW*
Cc: Thibert, Lorraine (CWS); Anderson, Kristina (CWS); Wiseman, Kylene (CWS); Miranda, Ronaldo (CWS); Toma, Bob (CWS)
Subject: RE: Request for comments due September 13 , 2013 - R.M. of Swan River Water Supply File: 5660.00

Comments:

The EA Proposal indicates that the Town will have to apply for an increase to the annual allocation under their Water Rights Licence. We agree with this statement but before we will adjust the annual allocation on their current licence the Town will have to submit historic water use records as there are none on file with the Water Use Licensing Section even though this is a requirement of their Water Rights Licence.

In addition, in order to demonstrate the long term sustainability of the aquifer, it is recommended that the Town install one or more observation wells in the aquifer and have them instrumented for the recording of water levels on at least an hourly basis. The granting of future applications for an increase to the annual licensed allocation will depend on the trends observed in the water level data observed in the monitoring well(s) over an extended period of time.

Rob Matthews, Manager, Water Use Licensing Section, Conservation and Water Stewardship.

Webb, Bruce (CWS)

From: Roberts, Dan (CWS)
Sent: September-03-13 11:36 AM
To: Webb, Bruce (CWS) *BSW*
Subject: Request for comments due September 13 , 2013 - R.M. of Swan River Water Supply File: 5660.00

No concerns

Dan Roberts

Water Resource Officer
Water Control Works and Drainage Licensing Section
Conservation and Water Stewardship
Box 640, 201 Fourth Ave. S., Swan River, MB R0L 1Z0
Cell: (204) 281-2122, Fax: 734-3733

Webb, Bruce (CWS)

From: Stibbard, James (CWS)
Sent: September-10-13 9:03 AM *BW*
To: Webb, Bruce (CWS)
Subject: Re: 5660.00 R.M. of Swan River rural Water Distribution EAP

Bruce,

I reviewed the above noted EAP and have no direct concerns with the EAP respecting drinking water safety. However, it must be noted that the Owner must obtain a Permit to Construct or Alter a Public Water System from our Office before construction on the work begins. If they have any questions on this, they can contact myself or Kim Barlishen at 204 945 5936.

Any questions, please call.

Regards,

James Stibbard P. Eng.
Approvals Engineer
Office of Drinking Water
1007 Century Street
Winnipeg MB R3H 0W4
phone: (204) 945-5949
fax: (204) 945-1365
email: James.Stibbard@gov.mb.ca
website: www.manitoba.ca/drinkingwater

Confidentiality Notice: This message, including any attachments, is confidential and may also be privileged and all rights to privilege are expressly claimed and not waived. Any use, dissemination, distribution, copying or disclosure of this message, or any attachments, in whole or in part, by anyone other than the intended recipient, is strictly prohibited.



Infrastructure and Transportation

Highway Planning and Design Branch
Environmental Services Section
1420 - 215 Garry St., Winnipeg, MB R3C 3P3
T (204) 619-4359 F (204) 945-0593

September 3, 2013

BW
Tracey Braun, M. Sc.
Director, Environmental Approvals Branch
Manitoba Conservation and Water Stewardship
123 Main St., Suite 160
Winnipeg, MB R3C 1A5

RE: RM of Swan River – Water Supply System Expansion
Client File No 5660.00

Dear Ms. Braun:

MIT has reviewed the proposal noted above and we do not have concerns with the development as proposed.

However, we would like to remind the proponent that detailed plans of water lines within, adjacent or crossing any provincial road or highway right-of-way will have to be submitted to MIT for review and approval prior to installation.

For more information about this process, please contact Forouzandeh Kasrai at Forouzandeh.Kasrai@gov.mb.ca.

Thank you very much for providing us the opportunity to review the proposal.

Sincerely,

Ryan Coulter, M. Sc., P. Eng.
Manager of Environmental Services



September 13, 2013

Mr. Bruce Webb *BW*
Manitoba Conservation
Environmental Assessment and Licensing Branch
123 Main Street, Suite 160
Winnipeg, MB, R3C 2A5

Dear Mr. Webb:

Re: - R.M. of Swan River Water Supply File: 5660.00

I have reviewed the proposal and have the following comments:

1. Environmental License clauses should ensure the following are addressed:
 - i. adherence to the Guidelines for Canadian Drinking Water Quality
 - ii. adherence to The Public Health Act Manitoba Regulations 330/88R and to applicable regulations in The Drinking Water Safety Act

2. Issues related to construction:
 - i. Please ensure appropriate waste disposal and attention to dust, noise, gaseous and particulate emissions during construction as per existing environment regulations.
 - ii. Please minimize the risk of surface or ground water contamination by chemical or fuel spills during construction.

Sincerely,

"Original Signed By"

Dr. Amy Frykoda, MD, CCFP, MSc
Medical Officer of Health
Prairie Mountain Health

Webb, Bruce (CWS)

Subject: FW: Request for comments due September 13 , 2013 - R.M. of Swan River Water Supply
File: 5660.00

From: Kubish, Cheryl (OFC)
Sent: August-27-13 9:58 AM *BW*
To: Webb, Bruce (CWS)
Cc: Schafer, Dave (OFC)
Subject: FW: Request for comments due September 13 , 2013 - R.M. of Swan River Water Supply File: 5660.00

With respect to the installation of 353 km of water distribution pipeline serving the 383 households in the RM of Swan River, the Office of the Fire Commissioner has no comments at this time.

Cheryl Kubish
Administrative Assistant
Office of the Fire Commissioner
508-401 York Avenue
Winnipeg MB R3C 0P8
Phone: 945-3328
Fax: 948-2089

E-Mail address: Cheryl.Kubish@gov.mb.ca
