

SUMMARY OF COMMENTS/RECOMMENDATIONS

PROPONENT: Rural Municipality of Dufferin
PROPOSAL NAME: Phase 2 Water Supply Pipelines
CLASS OF DEVELOPMENT: Two
TYPE OF DEVELOPMENT: Transportation and Transmission -
Pipelines
CLIENT FILE NO.: 4119.10

OVERVIEW:

The Proposal was received on December 18, 1996. It was dated December 16, 1996. The advertisement of the proposal was as follows:

“A Proposal has been filed by PFRA on behalf of the Rural Municipality of Dufferin to construct water supply pipelines for rural residences east of Carman. The project would involve the installation of 70 km of 200, 150, 100, 75 and 50 mm pipeline, and 11 km of 32 mm service line. The pipelines would connect to pipeline which was installed in 1996 during the first phase of the project. Water for the system is provided from the Town of Carman water treatment plant. The proposed pipelines would be located in road allowances and on private easements, and would be constructed in the spring, summer and fall of 1997.”

The Proposal was advertised in the Carman Valley Leader on January 6, 1997. It was placed in the Main, Centennial, Eco-Network and South Central Regional Library (Morden) public registries. It was also distributed to TAC members on December 23, 1996. The closing date for comments from members of the public and TAC members was February 7, 1996.

COMMENTS FROM THE PUBLIC:

No public responses were received.

COMMENTS FROM THE TECHNICAL ADVISORY COMMITTEE:

Manitoba Environment - Water Quality Management Drain and creek crossings done between April and June should minimize impacts on spawning migration activities. No mention is made in the Proposal of leak checking the system before use. What water source would be used and where would the test water be discharged?

Disposition:

The crossing concern can be addressed as a licence condition. Leak testing will require potable water from the Carman water treatment plant. Discharged test water could be discharged into road drains as water quality is high and quantities are small relative to the quantities used in testing gas or oil pipelines. Chlorine levels in the discharged test water can be specified as a licence condition as in previous similar licences.

.../2

- 2 -

Historic Resources Branch No concerns.

Mines Branch No concerns.

Highway Planning and Design No objections - the proponent is aware of MHT requirements based on Phase 1 work. A water line agreement is required from MHT prior to placing lines in the right-of-way. The contact person is the acting Technical Services Engineer in Portage la Prairie. Certain standards must be met or exceeded when working adjacent to a provincial road or highway. For example, highway traffic control standards, waterline crossings of PTHs and PRs must be sleeved, and rights-of-way must be returned to an acceptable condition. Project specific details will have to be reviewed in due course as part of the normal highway crossing approval process.

Disposition:

This information will be forwarded to the proponent's representative.

Rural Development - Community Economic Development No land use concerns.

Medical Officer of Health The Department supports projects that supply safe, reliable water to rural areas.

Natural Resources DNR prefers that watercourse crossings be installed by tunnelling or directional boring as proposed. In situations where this is not possible, the proponent should contact the DNR regional fisheries manager prior to beginning any instream work. Instream work should not be carried out during the critical fish spawning period of April 1 to June 15. Construction practices for stream crossing installations should adhere to the Manitoba Stream Crossing Guidelines. If possible, construction near wetlands and riparian zones should not take place during the May - August breeding and rearing season for wildlife. Replanting of extensively disturbed areas should be carried out with native species and/or cultivars appropriate for the type of site. Authorization will be required from the Department for the Carman Diversion crossing as well as any other provincial

waterway crossing. The proposal indicates that plans will be submitted for review and that approvals will be obtained.

Disposition:

These comments can be addressed as licence conditions.

Canadian Environmental Assessment Agency An environmental assessment under the Canadian Environmental Assessment Act may be conducted by PFRA. Transport Canada and DFO would like to participate in the provincial review process.

Fisheries and Oceans The project is not likely to cause significant adverse effects on fish and fish habitat after taking into account the implementation of appropriate

.../3

- 3 -

mitigation measures. The plans specify that the Carman Diversion and other drain crossings will be bored/augered/tunnelled whenever possible. DFO recommends that this method be employed. In the event that an open cut crossing is required, the proponent should contact the Manitoba Natural Resources regional biologist and DFO-HM with details of the crossing. The following measures will ensure that any potentially adverse effects on fish and fish habitat will be mitigated: no instream activities should take place between April 15 and June 30 in any year. Crossings should be constructed in late summer or fall when flows are lowest. The proponent should apply appropriate crossing techniques and erosion control measures as detailed in "Watercourse Crossing Guidelines for Pipeline Systems" published by CAPP in 1993. All stream banks and rights-of-way should be stabilized immediately after construction to prevent erosion and sedimentation.

Disposition:

As it is not anticipated that open cut stream crossings will be needed, a licence condition should specify that only non-disruptive crossing techniques may be used. If an open cut crossing is required, separate approval should be obtained, and the techniques discussed in these comments should be incorporated into a mitigation plan for the crossing.

Transport Canada Concern with respect to railway track crossing. Additional information, including designs, is requested.

Disposition:

This request will be forwarded to the proponent's representatives.

PUBLIC HEARING:

As no public concerns were identified, a public hearing is not recommended.

RECOMMENDATION:

All comments received on the Proposal can be addressed as licence conditions. Therefore, it is recommended that the Development be licensed under The Environment Act subject to the limits, terms and conditions as described on the attached Draft Environment Act Licence. It is further recommended that enforcement of the Licence be assigned to the South-Central Region.

PREPARED BY:

Bruce Webb
Environmental Approvals - Environmental Land Use Approvals
February 19, 1997

Telephone: (204) 945-7021
Fax: (204) 945-5229
E-mail Address: bruce_webb@environment.gov.mb.ca