

## **SUMMARY OF COMMENTS/RECOMMENDATIONS**

**PROPOSER:** Rural Municipality of Thompson  
**PROPOSAL NAME:** Rural Municipality of Thompson -  
Rural Water Pipelines  
**CLASS OF DEVELOPMENT:** Two  
**TYPE OF DEVELOPMENT:** Transportation/Transmission - Pipelines  
**CLIENT FILE NO.:** 4770.00

### **OVERVIEW:**

The Proposal was received on March 18, 2002. It was dated March 15, 2002. The advertisement of the proposal was as follows:

“A Proposal has been filed by the Manitoba Water Services Board on behalf of the Rural Municipality of Thompson to construct water supply pipelines throughout the municipality. Approximately 130 km of pipeline would be installed on provincial and municipal road allowances or on easements. Pipeline sizes would range from 150 mm to 50 mm. Water for the system would be supplied from the Pembina Valley Water Cooperative regional treatment plant at Stephenfield. Annual water use for the system is estimated to be 35 cubic decametres or 30 acre-feet. Construction of the project is proposed to begin in 2002. Construction would continue over several years as funding becomes available.”

The Proposal was advertised in the Morden Times and the Carman Valley Leader, both on Monday, April 29, 2002. It was placed in the Main, Centennial, Eco-Network and South Central Regional Library (Morden) public registries. The Proposal was distributed to TAC members on April 22, 2002. The closing date for comments from members of the public and TAC members was May 27, 2002.

### **COMMENTS FROM THE PUBLIC:**

No public comments were received.

### **COMMENTS FROM THE TECHNICAL ADVISORY COMMITTEE:**

**Sustainable Resource Management** - The estimated seventy new rural connections will increase the demand on the raw water supplies of the Stephenfield Reservoir and Boyne River. This extra demand may cause additional treatment requirements in order to address the taste and odor issues. The proponents have also indicated that an increase may be required in the Pembina Valley Water Co-op's Water Rights Licence should additional water service connections develop as planned. The proponent should be aware that the Boyne River is fully allocated and that no new licences or existing licences can be granted unless more water becomes available through attrition of existing licences.

It is uncertain whether the Miami reservoir will be able to provide adequate reserves and pressures during peak demand times.

Flushout assemblies and regular use are needed to maintain the water quality in the distribution system. Backflow devices should be installed to prevent backflow and cross connections with existing home water systems.

There may be requirement for rechlorination at proposed booster pump stations depending on flow rate, measured chlorine residual levels and bacteriological test results at the ends of the distribution system.

A maintenance schedule to ensure the quality and safety of the water and to prolong the lifetime of the mechanical components should be established.

Petroleum products are to be stored and handled in accordance in MR 188/2001 and all waste oils must be collected and disposed of in an appropriate manner.

No work at water crossings should be conducted prior to June 15 of any year. It is preferred that crossings be pushed, directionally bored or augured. Any work done on or near stream/drain banks should include measures to minimize potential for deleterious substances such as silt, oil, and gas entering the water. If banks must be disturbed erosion control and rehabilitation measures such as use of straw mulch and seeding of replacement vegetation should be employed.

Reference should be made to the "Manitoba Stream Crossing Guidelines for the Protection of Fish and Fish Habitat"

If open trench crossings are required mitigative procedures must be used to minimize damage to fish habitat during construction and to restore habitat after construction. Procedures to be followed are described in "Canadian Pipeline Water Crossing Committee, 1999. Water Crossings Second Edition." If open trench crossings are required the regional Fisheries Manager should be contacted for input.

It may be beneficial to have the Office of Drinking Water review and comment on this proposal.

Disposition:

Most of these comments can be addressed through licence conditions. The remainder are information items which have been forwarded to the Proponent's representatives. Final plans for the Development must be approved pursuant to The Public Health Act. This review will be done by the Office of Drinking Water. Reference can be made in a draft licence to the Water Crossings document. There is some overlap between this document and the Manitoba Stream Crossing Guidelines. As the Water Crossings document is specifically intended for pipeline crossings of waterways, only this document will be referenced in the draft licence for the project.

**Historic Resources Branch** - No concerns.

**Mines Branch** - No concerns.

**Petroleum Branch** - No concerns or comments.

**Highway Planning and Design Branch:**

- Waterline agreements with the Department are required for placing the waterline adjacent to, on, or across all provincial rights-of-way. Detailed drawings shall be forwarded to our Regional Office for formal approval.
- The applicant must install the proposed works through the road embankment by boring, tunneling or jacking. All pressurized lines crossing Provincial Trunk Highways or Provincial Roads must be sleeved.
- All areas disturbed during construction within MTGS rights-of-way must be restored to an acceptable condition. Drainage should be restored and all affected areas reseeded. The R.M. is to accept this responsibility for a two year period following the installation.
- The MTGS contact person is the A/Technical Services Engineer or Planning Technologist in the South Central Region.

**Disposition:**

These comments have been forwarded to the proponent for information.

**Community Planning Services Branch** - No concerns.

**Soils and Crops Branch** - No concerns, provided that any impacts that the installation of the proposed pipelines may have on agricultural land are minimized.

**Disposition:**

All pipelines are proposed for installation on road allowances or on easement. Agricultural land would not be adversely affected by the project.

**Medical Officer of Health – Central Region** - Manitoba Health supports efforts to ensure availability of potable water to rural residents.

**Canadian Environmental Assessment Agency** - An environmental assessment under the Canadian Environmental Assessment Act will be required. The contact will be with PFRA on behalf of Western Economic Diversification. Environment Canada and Health Canada have offered to provide specialist advice. (Environment Canada indicated an interest in participating in the provincial review of the project.)

**ADDITIONAL INFORMATION:**

No additional information is required to address the comments received.

**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 Red River Region.

**PREPARED BY:**

Bruce Webb  
Environmental Approvals - Environmental Land Use Approvals  
June 5, 2002  
Telephone: (204) 945-7021 / Fax: (204) 945-5229  
E-mail: bwebb@gov.mb.ca