

**Mistusinne Water Committee**  
Fourth Meeting - Saturday, March 10, 10:00 a.m.

**Attendees**

Saas, Lynne  
Aupperle, Reg  
Cowan, Brian  
Taylor, Cal  
Sarich, Chris  
Wills, Harold

**Regrets**

Ripplinger, Steve  
Cornwell, George  
Johns, George  
Huynink, Ben  
Williams, Robert  
Russell, Charles  
Sherling, Ken,

**Meeting Items**

**1. Review of previous meeting (Nov. 25, 06)**

**(1) Potable Water**

- Reg Aupperle reported concerning the water supply from the village wells, stating that although they pump 32 gallons per minute, the supply is not continuous. The fire fighters who had to re-fill the water truck after the most recent fire in our village have confirmed this fact. Therefore, the **village wells are not an option for any large-scale water plan**, whether it was treated or not.
- Lynne Saas reported on her further conversation with Sask Water (Glen Morine, business mgr Elbow plant). She asked him to price a pipeline from Elbow.
  - He quoted the Estevan to Bienfait pipeline (15 km) that was 455,000. Ours is over half as long, 8 km, **\$ 250,000**.
  - He suggested that their typical costs are \$12.50 per meter for the 6-inch pipe and \$17.80 per meter for installation. At \$30.30 per meter, the cost for 8 kilometers would be **\$242,000**.
  - He spoke of the added costs of road crossings, acquiring land rights over private property, fittings, and said that costs could run as high as \$90.50 per meter. For eight kilometers, that's **\$ 724,000**.
  - Then there would be the cost of the infrastructure in the village which likely be at least another **half-million**.
  - **The total cost of a potable water line from the Elbow plant along with a distribution system would certainly range from .75 million to 1.25 million.**
  - Then there would be the cost of purchasing the water (Sask Water currently charges the Village of Elbow \$6.20 per 1,000 gallons. Elbow then sells water to their residents for \$8 per 1,000 gallons with a 3,000 gallon per month minimum charge - **\$24 per month** minimum). For the three-month period of July - Sept. 2006, an average two-person home in Elbow paid \$100 for water.
- There was general agreement by the Committee that the purchase of potable water from Sask Water was not feasible for the residents of Mistusinne. The committee felt it was time for Council to take a position on this matter and make it known to residents. Thus, for example, those residents who might be considering the installation of a cistern could go ahead with those plans.
- There was further discussion about Council supporting people with cisterns by advertising for a year-round supplier (similar to Millar's septic service) to haul potable water to cistern owners. There continues to be a need to survey residents to determine the number of people lacking a dependable source of potable water.
- Motion: **Based on the information gathered regarding both the high cost of installation and the ongoing cost of purchasing potable water, that the Water Committee regretfully and reluctantly go on record as recommending to Mistusinne Council that they discontinue the pursuit of a potable water system for the Resort Village.** (Moved by George Johns – carried unanimously).

## (2) Irrigation Water

- Brian Cowan and George Johns reported about conversation with Brian Siemans regarding using these farmers' access to the lake. Although Brian Siemans has given a tentative OK to our plan, his agreement is dependent upon the agreement of the other two farmers, the negotiation of a workable agreement and particularly a specific plan detailing the amount of water to be drawn from the site.
- George Cornwell sent a report on the cost of installing an irrigation system *to the cottages* based on discussions with EPEC Consulting Ltd. at a total cost of \$ 371,000.
  - George had pointed out that these engineers typically do potable systems and tend to think along those lines.
- Lynne Saas reported that, as per the suggestion of Gordon Hagen (Sask Watershed Authority in Swift Current), she contacted Morlie Sinclair (Sask Agriculture) in Outlook to see if he would help us draw up a plan. He said, "My experience is primarily with farmers. Why don't you ask Brian Johnson who lives in your neighborhood and has planned a lot of drip irrigations for orchards. She met with Brian Johnson who provided some suggestions regarding a plan. He applauded our plan heartily. He also provided a contact to use in pricing out the materials and costs.
  - Lynne provided a draft plan for irrigation water *to the cottages* based on Brian's suggestions and the materials estimates from the supplier. The draft plan totaled \$110,000.
- Reg Aupperle suggested that we contact Robert Herron (Cabri) who has designed a number of these systems.
- George Johns indicated that he opposed the inclusion of a drip watering system for trees, that the city of Regina does not have a drip watering system for the trees that they plant. Lynne pointed out that the inclusion of tree-watering as part of our plan, even if it *phase 2* of our plan, might help us get a *green grant* to help us build the infrastructure.
- Chris Sarich urged that the plan include provision for fire hydrants, to increase our fire protection during the summer months.
- George Johns suggested that we contact Bruner regarding a plough-in system.
  - **Motion: Based on the information gathered regarding the feasibility and advantages of an irrigation system, that the Water Committee go on record as recommending to Mistusinne Council that they continue the exploration of an irrigation system for the Resort Village.** (Moved by Chris Sarich – carried unanimously).

## 2. Update on follow-up action by Council

- Council passed a motion accepting the two position statements in which the Water Committee, namely
  - "Regretfully recommended that Council discontinue the pursuit of a potable water system for the resort village."
  - "Recommended the ongoing exploration of an irrigation system to each lot in the Resort Village"
  - *Note – in spring budget – Council set aside \$300 for fees to apply for the Irrigation System*

## 3. Report from Lynne and Brian regarding the process for obtaining approval from Sask Watershed Authority

- Submission of an **Application for Water Rights License and Approval to Construct and Operate Works to Sask Watershed Authority** and payment of \$200 application form.
  - We have downloaded form.
  - **Lynne** will approach Council for approval and for application fee.
  - Form requires two official signatures and the village stamp.
  - **Brian** will develop the **technical plan** showing equipment specs, etc.
- **Use of Works Agreement with Farmers** (Siemans, Bergman, ?)
  - Because we want to share their intake equipment and source.
  - Gordon will provide with a sample of one of these.
  - Gordon also has copies of their original plans for their wet well and their sizings.
  - We will need to negotiate a fee.
- **Permission from our Health District**
  - Gord forecasts that this may be the biggest roadblock – because we don't have a parallel potable water source – but we will emphasize that we do have potable water (individual wells and sand points).

- We will emphasize our plans to educate users, to put up caution signs on standpipes.
  - Lynne will investigate this.
- **Completion of a Soil and Water Evaluation Report**
  - We are advised to contact Garth Weiterman, agrologist for Sask Agriculture and Food (867-9925).
  - There will be a fee.
  - Lynne will approach Council about this.
- **Advertisement** in local papers
  - Gordon will advise us on the wording and which paper to put the ad in.
- **SERM**
  - Environmental approval
  - Critical wildlife approval
  - Land control – SERM Lands branch because we will be using lease land from SERM.
    - Lynne will be speaking with Joe Jozsa regarding a meeting with SERM to renegotiate out lease (already in the planning stage – to discuss sale of in-fill lots – so that this water proposal can be part of that meeting)
- **RM Sanction**
  - Because our village lies within an RM
- **Sask Highways Permission**
  - Because we will cross a road allowance
- **Reservoir Development Permit from Sask Water**
  - Gordon advises us to contact **Barry Taylor** at the Moose Jaw Office (694-3097).
  - He will provide the parameters and the application form.
- **Heritage Resource Clearance**
  - We need to contact the Department of Archaeology.

#### 4. **Planning for the water survey on back of Streets Survey**

- Input from Committee

#### 5. **What next?**

- Lynne and Brian will work on applications
- Water survey results will be tallied
- Committee will meet at call of chair, in early fall