

WEST QUESNEL LAND STABILITY ADVISORY COMMITTEE

MINUTES

Wednesday, March 9, 2011 @ 7:00 pm
Council Chambers, City Hall

Advisory Committee: Mayor Mary Sjostrom *for Councillor Mike Cave*
Heinz Loelke
Archie Hlady
Cynthia Bernier
Mel Dunleavey
Marty Put

City Representatives: Public Works Director Jack Marsh
Acting Public Works Director Ken Coombs
Communications Supervisor Matt Wood
Communications Clerk Carol Anderson

Consultants: Nick Polysou - AMEC Earth & Environmental Ltd.
Rick Collins – URBAN Systems Ltd.

1. Call to Order

Director Marsh chaired and called the meeting to order at 7:06 p.m. Mayor Sjostrom confirmed that she was attending on Councillor Cave's behalf.

Several items were added to the Agenda under Nos. 4. (c) (iii) Budget and 5. Public Meeting.

2. Adoption of Minutes from Meeting held on March 3, 2010

MOVED H. Loelke, SECONDED C. Bernier and resolved: THAT the minutes from the meeting held on March 3, 2010 be adopted.

CARRIED

3. Business Arising from Previous Minutes

There was no business arising from previous minutes.

4. New Business

(a) Environmental Assessment (Groundwater Discharge Strategy Report) -

R. Collins reported. The Environmental Assessment was a condition of the funding from Build Canada. On their review of the assessment, the Ministry of Environment ("MoE") expressed concerns regarding the quality of groundwater that will be directed into Baker Creek.

The City agreed to work with MoE to develop a groundwater discharge strategy to address this uncertainty. The scope of the strategy includes the following three main components: Standardized Monitoring and Reporting, a Discharge Feasibility Review and an Environmental Impact Study. This Report prepared by Urban Systems, focuses on those components.

The Groundwater Discharge Strategy Report, if accepted by MoE, is the final step to having senior government sign off of the funding contract. This Report will be forwarded to MoE without delay.

(b) 2010 Annual Monitoring Report -

The Annual Monitoring Report was presented on screen by N. Polysou. A review of the work done in 2010 which, from a geotechnical perspective, involved ongoing consultation/support for environmental screening and approvals required for funding for full scale dewatering program construction to proceed.

Surface Movement, Sub-Surface Movement, Groundwater Levels and Weather Data are monitored and measured throughout the year. A brief summary of these components:

- The monitoring of **Surface Movement** began in 1998 and since then, there has been a total horizontal movement of 580 mm (or approximately 22 inches).
- Typically ranged between 14 and 87 mm/year.
- Movement in 2010 was much less than in 2009, 2008 and closer to or even less than in 2006, 2007.
- 13 of the original 15 slope inclinometers that measure **Sub-Surface Movement** have sheared off and no further useful data can be collected.
- Replacement will occur as part of the full scale dewatering program.
- **Groundwater Monitoring** continued at 30 locations.
- Trial horizontal drains and well pumps (3) are still operating and being monitored.
- **Precipitation Data** showed 2010 total precipitation was below normal.

(c) **2011 Work Plans**

(i) **AMEC Earth & Environmental Ltd., Dewatering Program -**

A copy of the proposed 2011 Work Plan was attached to the Agenda. N. Polysou noted that this Plan is much the same as that originally proposed for 2010. The 2011 program would consist of the following three main tasks:

- (1) Project Management/Consultation/Communications,
- (2) Annual Monitoring and
- (3) Full Scale Dewatering Program - Final Design, Construction and Supervision.

The document detailed each of these tasks.

(ii) **Urban Systems Ltd., Drainage Program -**

Urban's proposed 2011 Program was attached to the Agenda as well. R. Collins confirmed that it too is much the same as their 2010 Program. The works within the scope of services requested by Urban are the seven following categories:

- (1) Designing anticipated drainage connections from the dewatering wells to the closest storm or sanitary sewer main,
- (2) Designing a new storm main on Stork Avenue and Hawk Street,
- (3) Developing a plan and designing capital works related to minimizing the risk of downstream flooding,
- (4) Tendering, contract administration and field services,
- (5) Environmental considerations,
- (6) Developing a flow metering program and installing some meters should funds remain unspent,
- (7) Providing technical guidance and public communications throughout the continuation of this program phase.

After some discussion and general questioning a motion was made.

MOVED M. Dunleavy, SECONDED M. Put and resolved: THAT the Advisory Committee recommend to Council that they accept the Work Plans for drainage and full scale dewatering program.

CARRIED

(iii) **Budget -**

Director Marsh distributed a copy of the program budget. Total known and estimated costs equal \$4,619,000, and the amount of funds available is \$4,731,000. The estimated funds remaining for the installation of flow meters on watermains is \$112,000.

5. Other Business

Public Meeting -

Director Marsh asked the Advisory Committee if they wish to proceed with a public meeting at this time. Consensus was to wait until the contract had been signed and work was about to begin.

It was pointed out that all property owners, resident or out of town, be notified well in advance of any meetings and that they receive copies of all documentation regarding the program.

In the interim, information regarding the status of the program will be made through the Mayor's radio show (Monday Minutes) and included in the Mayor's Notes, published in the Observer.

General -

Comments were made on lobbying the next phase of the project. Discussion on communications with the provincial and federal government and when the best time to begin lobbying will be.

6. Correspondence

(a) March 1, 2011 memo -

Director Marsh reviewed the memo which provided a timeline of the City's submissions and progress to date regarding the Environmental Assessment. The Environmental Assessment was a requirement for funding from Build Canada. The original document was submitted on February 25, 2010.

Director Marsh was asked to keep this document updated for the benefit of the Advisory Committee and to forward it to them by email on a regular basis.

7. Adjournment

MOVED A. Hlady, SECONDED M. Put and resolved THAT the meeting adjourn at 8:45 p.m.

CARRIED

cc: City Council