

Minutes of the **SPECIAL COUNCIL IN COMMITTEE MEETING** of Pitt Meadows City Council held on **Tuesday, April 3, 2007** at 6:00 p.m. in the Meadows Room of the Pitt Meadows City Hall, 12007 Harris Road, Pitt Meadows, British Columbia.

**PRESENT:**

Elected Officials: Mayor D.F. MacLean  
Councillor J. Becker  
Councillor D. Bing  
Councillor D. Eisel  
Councillor J. Elkerton, Chair  
Councillor A. Tolchard  
Councillor D. Walters

Staff J. Rudolph, Chief Administrative Officer  
D. Rear, Director of Corporate Services  
K. Grout, Director of Operations & Development Services  
L. Darcus, Director of Legislative Services  
L. Jones, Administration/HR Officer  
M. Murray, General Manager: Community Development,  
Parks and Recreation Services  
R. Evans, Operations Superintendent  
I. de Boer, Engineering Services Coordinator  
B. Perrie, Assistant Fire Chief  
Insp. J. Wakely, O.I.C., Ridge Meadows Detachment  
Cpl. J. Thiesen, Community Police Office  
M. Davies, Area Emergency Coordinator  
S. Hegedus, Sgt. Ridge Meadows Detachment  
L. Kelly, Executive Assistant

The meeting was called to order at 6:00 p.m.

**A. ADOPTION OF AGENDA**

**MOVED** by Councillor Walters, **SECONDED** by Councillor Eisel, THAT the agenda for the April 3, 2007 Special Council in Committee Meeting, be adopted.

CARRIED.

**B. REPORTS****1. Freshet Flooding Preparation – Update.**

The Director of Operations and Development Services provided a Powerpoint presentation regarding actions taken by staff with respect to freshet flooding preparations, which is included as Attachment 1 and forms part of these minutes.

Discussion included issues such as the Katzie First Nation risks of flooding, sandbagging preparation/policy (could be provided by the City or a fee for service with a local business, i.e. Meadows Landscaping), “low spots”, the effects of the Upper Fraser Basin on the Lower Fraser Basin, Utilities vulnerabilities such as BC Hydro and Terasen Gas, the risks related to the GVRD lift station in South Bonson, and the Hammond lift station.

The Area Emergency Coordinator indicated that a similar presentation had been delivered to the Maple Ridge Council. Mr. Davies noted that there is a concern regarding the stability of the Albion dyke, and an application has been made to the provincial government for \$9.5M.

**MOVED** by Councillor Eisel, **SECONDED** by Councillor Walters, THAT the verbal and written reports by staff related to the 2007 Spring freshet flooding preparation, be received.

CARRIED.

**MOVED** by Councillor Walters, **SECONDED** by Councillor Eisel, THAT the Committee direct staff to prepare a policy with respect to providing sandbags to residents.

CARRIED.

Staff was also directed to update Council via email, when necessary.

**C. ADJOURNMENT**

**MOVED** by Councillor Walters, **SECONDED** by Councillor Becker, THAT this meeting now be adjourned at 6:58 p.m.

CARRIED.



# City of Pitt Meadows

## Fraser River Freshet Preparedness Update

City Responsible for **64.1 km** of dyke

- 31.5 km of Agricultural Dyke
- 32.6 km of Standard Dyke





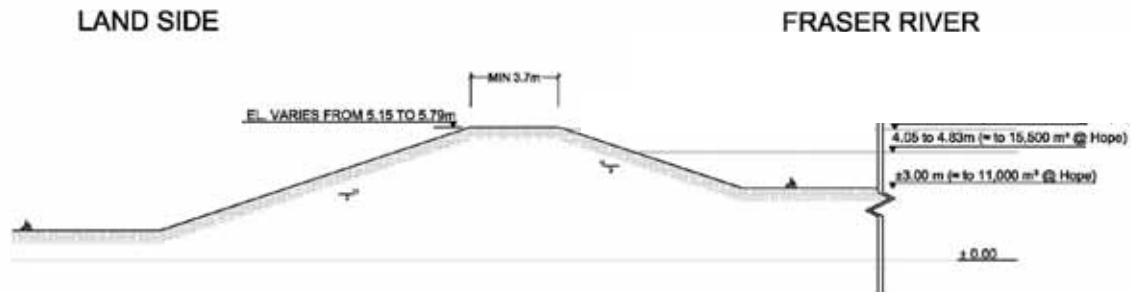
## Freshet Preparedness Update

- Freshet and Fraser River Forecasts
- As of March 1<sup>st</sup> forecasting river volumes of 11,000 m<sup>3</sup>/s
- Prolonged period of high water (5 to 6 weeks)
- New forecast expected April 9<sup>th</sup>
- PEP still predicting low probability of dyke overtopping, but weather dependent



## Freshet Preparedness Update

Year	River Volumes At Hope	Level at Baynes Road Gauge
1894	17,000 m <sup>3</sup> /s	4.68m
1948	15,180 m <sup>3</sup> /s	4.35m
1972	13,000 m <sup>3</sup> /s	3.92m
1986	10,700 m <sup>3</sup> /s	2.95m
1999	11,300 m <sup>3</sup> /s	3.17m

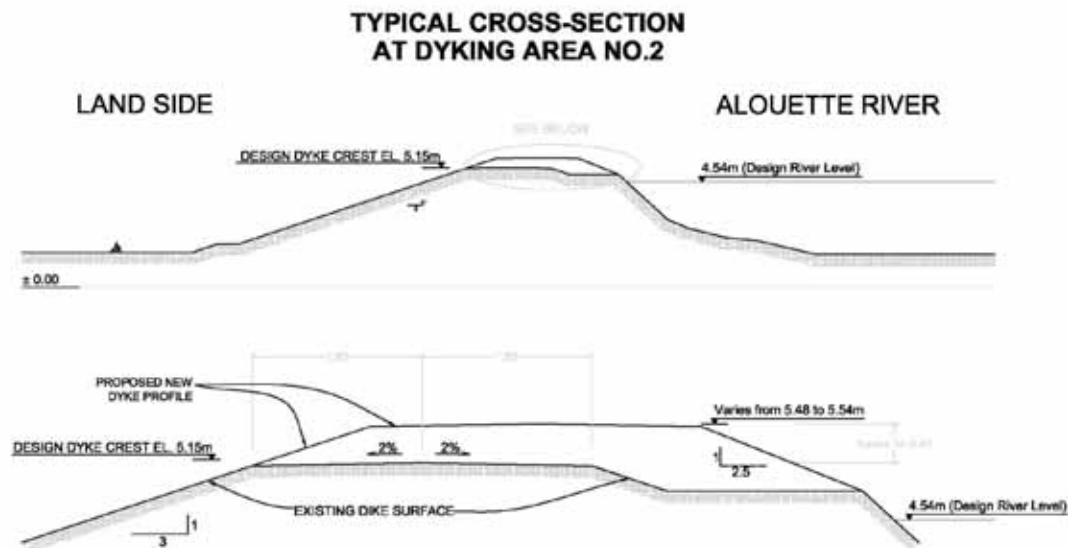
**TYPICAL CROSS-SECTION  
AT DYKING AREA NO. 3**

## Freshet Preparedness Update

- Critical Freshet Funding Projects
  - Spare Pump and Back up generator \$235,000 (denied)
  - Area 1 (Alouette River System) Dyke topping \$617,760 (Approved)

### Approval Pending

- Area 2 (Pitt and Alouette System) Dyke topping \$1M
- Area 3 (Fraser River) Dyke topping \$450,000

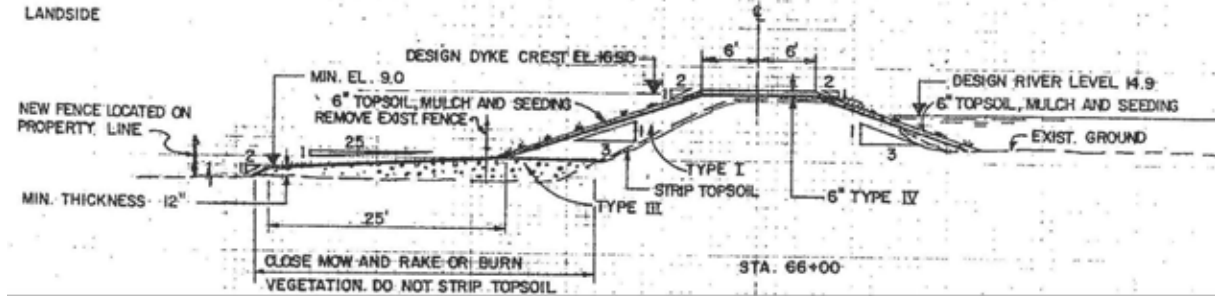


## Freshet Preparedness Update

- Lower Fraser Flood Model

Under current forecast scenario (1948 Flood Scenario) free board would be compromised.

Separate funding request for estimated \$14 Million to raise dykes to new standard in area 2 and 3. This estimate has been revised to \$27.5 M following further consultation with Associated Engineering.



City of Pitt Meadows  
Dyking District 3



