



File: Fairmont Creek Dike

May 6, 1998

Fairmont Hot Springs Resort Ltd.
PO Box 10
Fairmont Hot Springs BC V0B 1L0

Attention: Mike Wilder

Dear Mike Wilder:

Re: Fairmont Creek - Flood Mitigation Works

This will acknowledge our joint on-site inspection of the above noted flood mitigation works on April 29, 1998. A copy of the Flood Protection Inspection Report is attached for your records.

As discussed, there are no noticeable items requiring attention at this time. However, it is requested that yearly inspections be carried out on these flood and debris torrent control works and copies of the inspection reports be submitted to this office.

I have also included a Ministry of Environment - Water Management Branch contact list should you experience major problems with these works during a high runoff period or a debris torrent. This contact list should be added to your Operation and Maintenance Manual.

If you have any questions pertaining to this inspection report or any other queries regarding these flood mitigation works, please do not hesitate to contact the undersigned.

Yours truly,

M.S. Springman, ASCT
Deputy Inspector of Dikes
Kootenay Region

MSS:lp

attachment

cc: Peter Woods, P.Eng. - Inspector of Dikes, Victoria
Wayne McNamar - Regional District of East Kootenay, Cranbrook

File: Fairmont Creek Dike

May 6, 1998

Memo to: Peter Woods, P.Eng.
Inspector of Dikes

Re: Fairmont Creek Dike

On February 16, 1998 a letter was written to Fairmont Hot Springs Resort requesting that an inspection of the flood mitigation works on Fairmont Creek be carried out and a copy of the inspection report be submitted to this office.

Mike Wilder the new maintenance supervisor at Fairmont Hot Springs Resort phone this office advising that he did not completely understand what was required and how to fill out the appropriate forms. As I was planning on being in the Fairmont area and an inspection of this dike works would only take a few minutes, I advised Mike Wilder that I would carry out a joint on site inspection with him and in addition to showing him what things to look for during an inspection I would also show him how to fill out the inspection forms.

On April 29, 1998 an on site inspection of the flood mitigation works on Fairmont Creek was carried out in the company of Mike Wilder. A copy of my "Flood Protection Inspection Report" is attached. The log crib wall appears to be in good shape with no noticeable problems. (Copies of these inspection reports along with a contact list will be forwarded to the Regional District of East Kootenay as well as Mike Wilder)

A review of our file notes that Reid Crowther & Associates are to make yearly inspections of these works with copies of the report submitted to this office. Since these works were constructed in 1996 no inspection reports have been submitted to this office. It is my understanding that no inspections have been carried out on these works by the engineering consultant. I will contact Jim Dumont of Reid Crowther & Associates about these inspections and I will advise you accordingly.

M.S. Springman, ASCT
Deputy Inspector of Dikes
Kootenay Region

FLOOD PROTECTION WORKS MANAGEMENT CHECKLIST

Dyking Authority: REGIONAL DISTRICT OF EAST KOOTENAY
 O&M Supervisor: MIKE MURRAY Tel: 354-6311 Fax: _____
 DIOD MURRAY SPRINGWAY Tel: 354-6381 Fax: 354-6332

Dyke Name: FAIRMONT CREEK

O&M Manual: Yes No
 Floodplain Management Bylaw Yes No

1. Records: Design Reports _____ Plans _____
 Files Nos. _____ Floodplain Maps _____

2. Follow-up Last Inspection: By: _____
 Annual Inspection: Yes No (submit report to DIOD)

3. Approvals/Changes: Yes No

4. Maintenance:	Required	Okay
Access:	<input type="checkbox"/>	<input type="checkbox"/>
gates <i>N/A</i>	<input type="checkbox"/>	<input type="checkbox"/>
dyke crest <i>N/A</i>	<input type="checkbox"/>	<input type="checkbox"/>
Damages/Repairs:	<input type="checkbox"/>	<input type="checkbox"/>
dyke	<input type="checkbox"/>	<input checked="" type="checkbox"/>
bank protection	<input type="checkbox"/>	<input checked="" type="checkbox"/>
floodboxes <i>N/A</i>	<input type="checkbox"/>	<input type="checkbox"/>
pumps <i>N/A</i>	<input type="checkbox"/>	<input type="checkbox"/>
drainage <i>N/A</i>	<input type="checkbox"/>	<input type="checkbox"/>
Vegetation Control:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
animal activity	<input type="checkbox"/>	<input checked="" type="checkbox"/>
debris	<input type="checkbox"/>	<input checked="" type="checkbox"/>

5. Flood Response Plan:

Flow Forecasting	<input type="checkbox"/>	<input type="checkbox"/>
Contact list	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Materials	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Equipment	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Communications	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Flood Patrol	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Warning/Evacuation Plan	<input checked="" type="checkbox"/>	<input type="checkbox"/>

6. Follow-up Action Complete: Yes No

Date: April 29/98

Signed: *Murray Springway*
MURRAY SPRINGWAY

FLOOD PROTECTION INSPECTION REPORT

Dyke Length: _____

DYKE: FAIRMONT CREEK

REACH: FAIRMONT RIDGE TOWNHOUSES

DATE INSPECTED: APRIL 29/98 Signed Murray Springman

The condition of the flood protection works is as reported below: MURRAY SPRINGMAN

1. **DYKES:** (access, gates, locks, vegetation growth, gravel surface, height, slopes, erosion, animal burrows, seepage, trash, berms, relief wells)

"DIKE" IS A LOG CRIB WALL. NO NOTICEABLE PROBLEMS

2. **BANK PROTECTION:** (loss of rock, settlement, slumping)

Good

3. **FLOODBOXES/PUMP STATIONS:** (inlet and outlet channels, gate operation, trash racks, debris, erosion, corrosion, structure, discharge structure, electrical and mechanical components)

N/A

4. **WORK REQUIRED:**

NIL

5. **ADDITIONAL INFORMATION** (see over) (sketch, photos, etc.)

6. **WORK COMPLETED:** Date: _____ Signed: _____



Photo #1

Standing at upper end of flood protection works looking downstream.

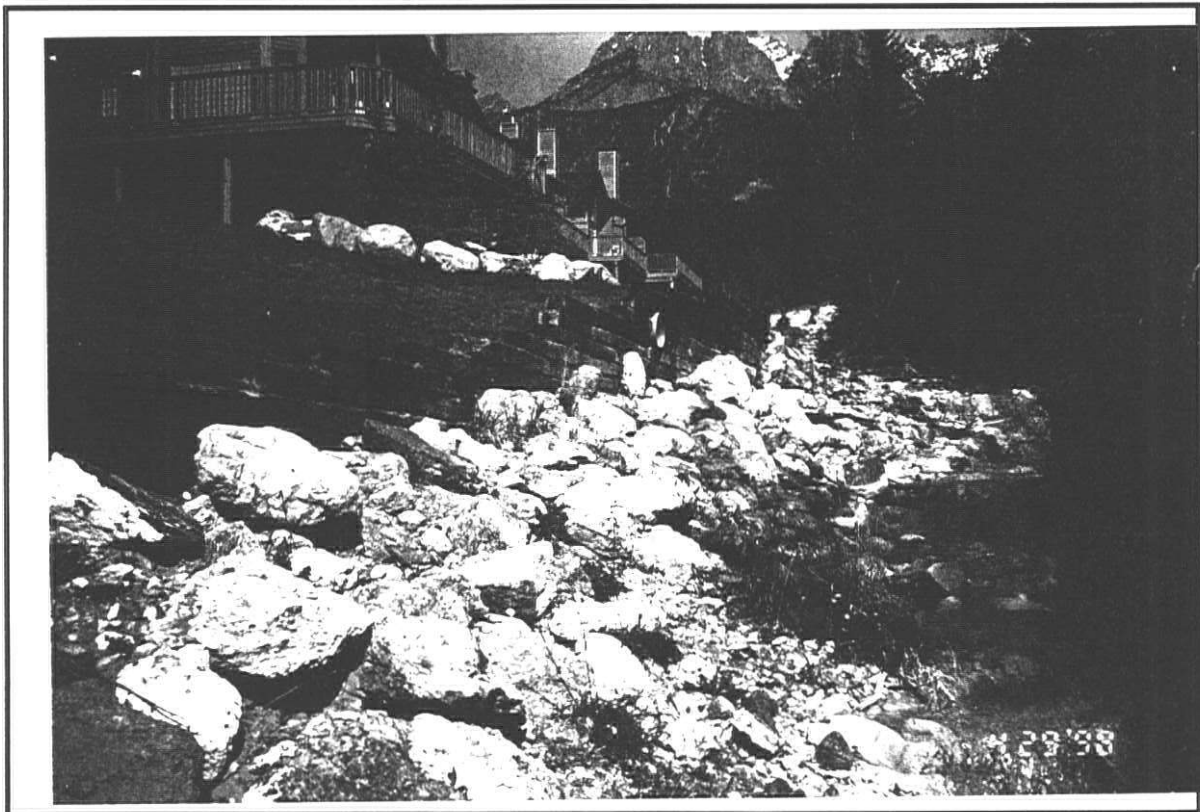


Photo #2

Standing at lower end of flood protection works looking upstream.