



REGIONAL DISTRICT OF WEST KOOTENAY

Main Office
19 - 24th Avenue South
CRANBROOK, BC V1C 3H8
Ph: 250-489-2791 • Fax: 250-489-3498
Toll Free: 1-888-478-7335 (BC & AB Only)
Email: info@rdek.bc.ca • Website: www.rdek.bc.ca

Columbia Valley Office
Box 2319, 4956 Athalmer Road
INVERMERE, BC V0A 1K0
Ph: 250-342-0063 • Fax: 250-342-0064

File:

WF 816 001
WF 816 002

May 27, 2009

Neil J. Peters, P. Eng.
Inspector of Dikes
10470 152 Street
Surrey BC V3R 0Y3

Dear Mr. Peters:

Re: Annual Dike Inspection Reporting for 2009 Freshet

Thank you for your letter dated April 30th, 2009 advising the RDEK of Freshet dike reporting requirements.

Please find attached the inspection reports for the appropriate locations for Cold Spring Creek. Photos of bank protection infrastructure are included.

If you have any questions regarding the submitted inspections please contact me at (250) 489-2791.

Sincerely,

Jim Maletta, ASCT
Engineering Technician

JM/ng

Enclosure

pc: Brian Funke, Engineering Services Manager

MUNICIPALITIES

CITIES: Cranbrook, Fernie, Kimberley; DISTRICTS: Elkford, Invermere, Sparwood; VILLAGES: Canal Flats, Radium Hot Springs

ELECTORAL AREAS

A Elkford Rural, Elk Valley, Fernie Rural, Flathead, Hosmer, Sparwood Rural, West Fernie; *B* Baynes Lake, Elko, Galloway, Grasmere, Jaffray, Newgate, Rosen Lake, Tie Lake; *C* Bull River, Cranbrook Rural, Fort Steele, Mayook, Monroe Lake, Moyie, Wardner, Wycliffe; *E* Kimberley Rural, Meadowbrook, St. Mary Lake, Sheep Creek, Skookumchuck, Ta Ta Creek, Wasa; *F* Columere Park, Fairmont Hot Springs, Invermere Rural, Panorama, Windermere; *G* Brisco, Edgewater, Radium Rural, Spillimacheen, Wilmer

**Please mail or fax this form to the Inspector of Dikes by
May 31, 2009**

CONFIRMATION OF ANNUAL DIKE INSPECTION 2009

TO:
Office of Inspector of Dikes Lower
Mainland Regional Office
Water Stewardship Division
Ministry of Environment
2nd Fl., 10470 - 152nd Street
Surrey, BC V3R 0Y3

TEL: (604) 582-5200
FAX: (604) 582-5235

FROM:
East Kootenay Regional District
~~Kevin Paterson~~ **JIM MALETTA**
19 - 24th Avenue S
Cranbrook, BC V1C 3H8

TEL: 250-489-2791

FAX: 250-489-1287

E-MAIL: ~~kpaterson@rdck.bc.ca~~
jmaletta@rdck.bc.ca

1. Is your Annual (2009) Dike Inspection Complete? YES NO

If NO, please indicate expected completion date: _____

If YES, please provide date of inspection: YY 2009 MM 05 DD 06

and attach the complete inspection report.

2. According to the Provincial Flood Protection Works Database, you are the diking authority contact person. Is all the information on the above label correct? YES NO PLEASE SEE CHANGES

If NO, please provide updated details below - (this information assists provincial agencies in case of flood emergencies):

BECAUSE OF A DEPARTMENTAL RDEK REORGANIZATION
THE CONTACT PERSON IS NOW JIM MALETTA
jmaletta@rdck.bc.ca

3. If you have any additional comments or suggestions about your diking authority and/or structure, please indicate them below:

Submitted by:

J. Maletta

Date:

MAY 25, 2009

East Kootenay Regional District

Water Course	Fairmont Creek	Structure Type	Dike
Water Course 2	Cold Spring Creek	Ancillary Works	Log crib wall
GPS Number	52	Structure Length	85 m
Dike Name	Fairmont Hotsprings Resort	NAD 83 Map Number	82J031/032
Region	Kootenay	Floodplain Maps	N/A
Owner/Administrator	East Kootenay Regional District	UTM Northing	5 575 570
Address	19 - 24th Ave S	UTM Easting	11U 581 742
City	Cranbrook	Service Area	
Province	BC	Land Use	
Postal Code	V1C 3H8	Number of Buildings Protected	
Contact Person	Kevin Paterson	Infrastructure Protected	
Telephone	250-489-2791	Geographic Feature	Riverine
Fax	250-489-1287	Type of Flooding	Spring Freshet
		Local Authority under	East Kootenay Regional District
		Regulated under DMA	Yes

Notes

FLOOD PROTECTION INSPECTION REPORT

Dike Name (From database) COWD SPRING CREEK GPS No. (database) 52
 Water Courses 2 Dike Section LONG CRIB WALK
 Date Inspected MAY 6, 2009 Signed Ji Mahita

For sections 1-4, please check the applicable box. If you check the Yes box, please explain in detail below or on attachments. Please also refer to "Flood Protection Works Inspection Guide" from March 2000 for a detailed guide to dike inspection and reporting, available at: http://www.env.gov.bc.ca/wsd/public_safety/flood/pdfs_word/fld_prot_insp_qd.pdf

1. Is there any obstruction, deterioration or damage to dike access? (access routes, ramps, and gates) YES NO N/A

	YES	NO	N/A
	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

2. Is there any deterioration or damage to the following? YES NO N/A

	YES	NO	N/A
• Dike Crest and slopes (ruts, loss of surfacing material, obstructions, slumping, cracking)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
• Bank Protection (loss of rock, settlement, slumping)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
• Flood Boxes/Pump stations (inlet/outlet channels, gate operation, trash racks, debris, erosion, corrosion, structure, mechanical components) or damage to dike access?(access routes, ramps, and gates)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

3. Were any of the following serious problems observed? (if yes, please attach photo or sketch) YES NO N/A

	YES	NO	N/A
• Seepage (and/or evidence of piping)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
• Erosion	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
• Slumping, cracking, sink holes	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
• Animal Damage (beavers, animal burrows, cattle, etc.)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
• Unauthorized construction (excavations, utilities, structures)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
• Channel infilling and aggregation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
• Significant flood levels (within free board) within the last 12 months	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

FLOOD PROTECTION INSPECTION REPORT

4. Vegetation Management	YES	NO	N/A
• Hampers or prevents access?		X	
• Reduces visibility to each toe?		X	
• Trees in or near dike (within 2m from toe) with potential for uprooting?		X	
• Multi-year vegetation management plan in place?		X	

5. Describe maintenance work (including vegetation management) completed in the past 12 months:
 INSPECTION ONLY, NO VEGETATION REQUIRED IN THE PAST 12 MONTHS

6. Describe the work required in the next 12 months and the estimated schedule for completion:

Item	Proposed Completion Date
INSPECTION	MAY 31, 2010

7. Please list inspection report attachments (photos, sketches etc.)

Notes on using this Flood Protection Inspection Report form:

1. This form is an outline for your comprehensive report. Please include detailed descriptions of maintenance issues and attach supplemental information such as photos and sketches of critical repair sites.
2. Use a separate inspection form for each dike, or section of dike.
3. When completing the inspection report, please use the dike name and GPS Number on the provincial database (on web page or as shown on green sheet enclosed with mail out). If you believe there are any errors or omissions in the database, please submit them with the inspection report.
4. If you use more than one form for each dike, please indicate the dike section using chainage and/or major landmarks (roads, bridges etc). Please do not use local property names in the inspection report.



26.05.2009 09:49



26.05.2009 09:51



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