



Engineering Services

File: WFF816 001

WFF 816 002

To: Office of Inspector of Dikes,
South Coast Sub-Region **From:** Jim Maletta, Engineering Technician
Fax: 604 582-5235 **Phone:** 250-489-2791 or 1-888-478-7335
Date: May 27, 2010 **Fax:** 250-489-1287
Number of pages including cover sheet: 5 **Email:** jmaletta@rdek.bc.ca

Urgent Please Comment Reply ASAP For your review

Please find attached the Confirmation of Annual Dike Inspection Fairmont Creek and Cold Spring Creek located in the Regional District of East Kootenay.

The Inspection took place on May 12, 2010 and the Flood Protection Inspection Report will be forwarded via mail with photos at a later date.

Jim Maletta, ASCT.
Engineering Technician

**Please mail or fax this form to the Inspector of Dikes by
May 31, 2010**

CONFIRMATION OF ANNUAL DIKE INSPECTION 2010

TO:

Office of Inspector of Dikes
South Coast Sub-Region
Water Stewardship Division
Ministry of Environment
2nd Floor, 10470 - 152nd Street
Surrey, BC V3R 0Y3

FROM:

Regional District of East Kootenay
Mr. Vim Maletta
#19-24th Ave S
Cranbrook, BC V1C 3H8

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

TEL: 250 489-2791
CELL:
FAX: 250 489-1287
E-MAIL: jmaletta@rdek.bc.ca

1. Is your Annual (2010) Dike Inspection Complete? YES X NO _____
If NO, please indicate expected completion date: _____
If YES, please provide date of inspection: YY 2010 MM 05 DD 12
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 X
If NO, please provide updated details below - (this information assists provincial agencies in case of flood emergencies):

MR. JIM MALETTA NOT MR. VIM MALETTA

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

Submitted by: JIM MALETTA

Date: MAY 27, 2010

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 Hot Springs Resort	NAD 83 Map Number	82J034/032
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	
Contact Person	Vim Maleita	Infrastructure Protected	
Telephone	250-489-2791	Geographic Feature	Riverine
Fax	250-489-1287	Type of Flooding	Spring Freshet
		Local Authority under EPA	East Kootenay Regional District
		Regulated under DMA	Yes

Notes



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August 30, 2010

Ministry of Environment
Food Safety Section, Management and Standards Branch
10470 152 Street 2nd Floor
Surrey BC V3R 0Y0

Dear Flood Safety Section Representative:

Re: Submission of Coldspring Creek and Fairmont Creek Flood Protection Inspection Reports

Please find attached the Flood Protection Inspection Report for Coldspring Creek and Fairmont Creek protection works.

If you have any questions regarding the submission please contact Jim Maletta, Engineering Technician at 250 489-2791 or via email at jmaletta@rdek.bc.ca.

Sincerely,

A handwritten signature in black ink that reads "Jim Maletta". The signature is written in a cursive style with a large initial "J" and "M".

Jim Maletta, ASCT.
Engineering Technician

JM/ln

Enclosure

pc: Brian Funke, Engineering Services Manager

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	
Contact Person	Vim Maletta	Infrastructure Protected	
Telephone	250-489-2791	Geographic Feature	Riverine
Fax	250-489-1287	Type of Flooding	Spring Freshet
		Local Authority under EPA	East Kootenay Regional District
		Regulated under DMA	Yes

Notes

FLOOD PROTECTION INSPECTION REPORT

UTM Northing 5 575 572

Dike Name (From database) FAIRMONT HOT SPRINGS RESORT GPS No. (database) UTM EASTING 11U 581 742
 Water Courses FAIRMONT CREEK / COND SPRING CREEK Dike Section _____
 Date Inspected MAY 12, 2010 Signed _____

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_gd.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 type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input 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 type="checkbox"/>	<input checked="" 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?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
• Reduces visibility to each toe?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
• Trees in or near dike (within 2m from toe) with potential for uprooting?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
• Multi-year vegetation management plan in place?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>ASSESSED ANNUALLY FOR VEGETATION REMOVAL</i>			

5. Describe maintenance work (including vegetation management) completed in the past 12 months:

NOTHING EXECUTED 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
<i>BRUSHING AND DEBRIS REMOVAL ALONG BANK PROTECTION WORKS</i>	

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

PHOTOS

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.**



