



WFF 816 001
WFF 816 002

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".

Jim Maletta, ASCT.
Engineering Technician

JM/ln

Enclosure

pc: Brian Funke, Engineering Services Manager

East Kootenay Regional District

Water Course Cold Spring Creek
Water Course 2
GPS Number 330
Dike Name Cold Spring Creek
Region Kootenay
Owner/Administrator East Kootenay Regional District
Address 19 - 24th Ave S
City Cranbrook
Province BC
Postal Code V1C 3H8
Contact Person Vim Maletta
Telephone 250-489-2791
Fax 250-489-1287

Structure Type Dike
Ancillary Works
Structure Length 484 m
NAD 83 Map Number
Floodplain Maps
UTM Northing 5 576 382
UTM Easting 11U 580 578
Service Area
Land Use Residential
Number of Buildings
Infrastructure Protected
Geographic Feature Riverine
Type of Flooding
Local Authority under EPA East Kootenay Regional District
Regulated under DMA Yes

Notes Urban drainage works. Located 250m north of Fairmont Creek

WF 11 216 0222

FLOOD PROTECTION INSPECTION REPORT

Dike Name (From database)	<u>COND SPRING CREEK</u>	GPS No. (database)	<u>UTM NORTHING 5 576 382</u>
Water Courses	<u>COND SPRING CREEK</u>	Dike Section	<u>URBAN DRAINAGE WORKS</u>
Date Inspected	_____	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_qd.pdf

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

	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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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 ANNUAL 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:

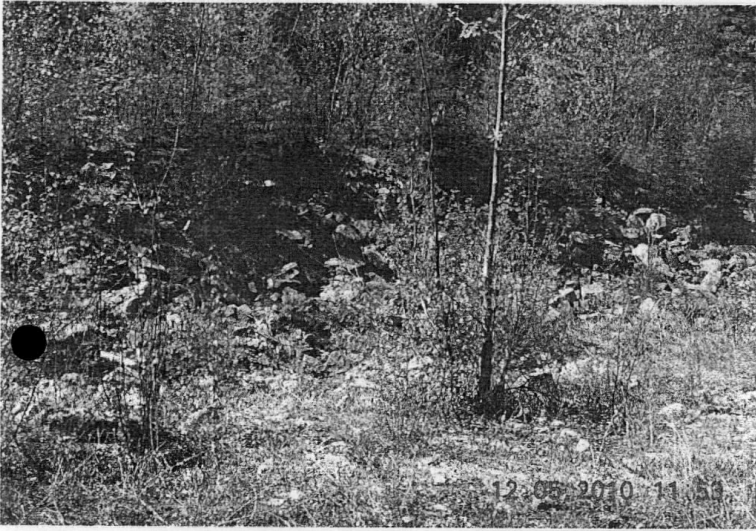
Item	Proposed Completion Date
<i>BUSHING ALONG BANK PROTECTION WORKS AND SITE</i>	
<i>GRADING ALONG DEPOSITION POND BANK (NORTH SIDE) AND CREST</i>	

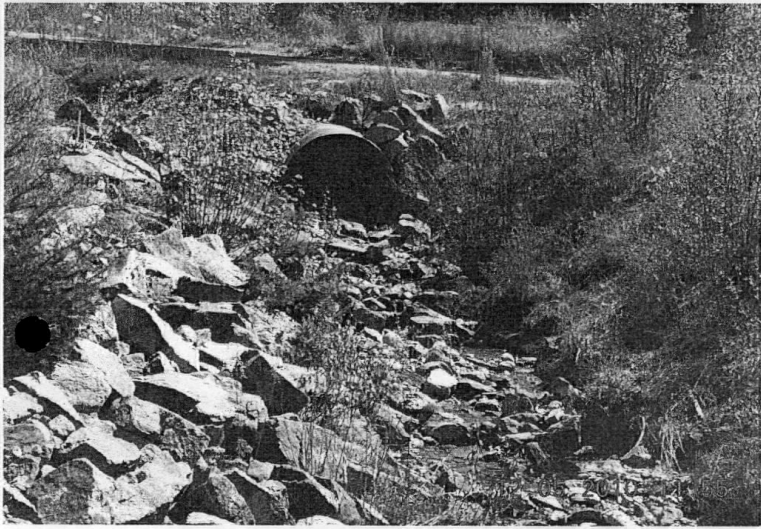
7. Please list inspection report attachments (photos, sketches etc.)

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.**







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: _____

J. Maletta

Date: _____

MAY 27, 2010

East Kootenay Regional District

Water Course	Cold Spring Creek	Structure Type	Dike
Water Course 2		Ancillary Works	
GPS Number	330	Structure Length	484 m
Dike Name	Cold Spring Creek	NAD 83 Map Number	
Region	Kootenay	Floodplain Maps	
Owner/Administrator	East Kootenay Regional District	UTM Northing	5 576 382
Address	19 - 24th Ave S	UTM Easting	11U 580 578
City	Cranbrook	Service Area	
Province	BC	Land Use	Residential
Postal Code	V1C 3H8	Number of Buildings	
Contact Person	Vim Malejta	Infrastructure Protected	
Telephone	250-489-2791	Geographic Feature	Riverine
Fax	250-489-1287	Type of Flooding	
		Local Authority under EPA	East Kootenay Regional District
		Regulated under DMA	Yes

Notes Urban drainage works. Located 250m north of Fairmont Creek