

**Please mail or fax this form to the Inspector of Dikes by
December 31, 2006**

CONFIRMATION OF ANNUAL DIKE INSPECTION 2006

TO:

FROM:

Office of Inspector of Dikes
Lower Mainland Regional Office
Water Stewardship Division
Ministry of Environment
10470 - 152nd St
Surrey, BC V3R 0Y3
FAX: (604) 584-9751

Stephen McInnis
East Kootenay Regional District
19 - 24th Ave S
Cranbrook BC V1C 3H8
250-489-0300
250-489-1287

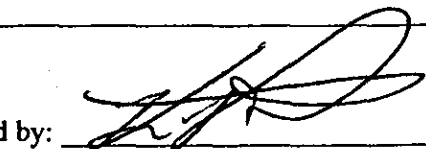
1. Is your Annual (2006) Dike Inspection Complete? YES NO
If NO, please indicate expected completion date: _____
If YES, please provide date of inspection: YY _____ MM _____ DD _____
and attach the complete inspection report.

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

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

Kevin Paterson - Recreation & Control Services Supervisor
Regional District of East Kootenay
19-24th Ave. S. Cranbrook B.C. V1C 3H8 250-489-2791 ph
250-489-1287 fax

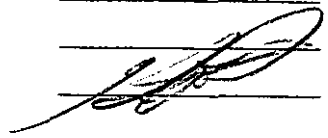
3. If you have any additional comments or suggestions about your diking authority and/or structure, please indicate them below:

Submitted by: 
Kevin Paterson

Date: Jan 02 / 2007

FLOOD PROTECTION INSPECTION REPORT

Dike Name (From database) Cold Spring Creek
 Water Courses Cold Spring Creek
 Date Inspected May 18/2006

GPS No. (database) 330
 Dike Section _____
 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 checked="" type="checkbox"/>	

2. Is there any deterioration or damage to the following?

	YES	NO	N/A
• Dike Crest and slopes (ruts, loss of surfacing material, obstructions, slumping, cracking)		<input checked="" type="checkbox"/>	
• Bank Protection (loss of rock, settlement, slumping)		<input checked="" 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 checked="" type="checkbox"/>	

3. Were any of the following serious problems observed? (if yes, please attach photo or sketch)

	YES	NO	N/A
• Seepage (and/or evidence of piping)		<input checked="" type="checkbox"/>	
• Erosion		<input checked="" type="checkbox"/>	
• Slumping, cracking, sink holes		<input checked="" type="checkbox"/>	
• Animal Damage (beavers, animal burrows, cattle, etc.)		<input checked="" type="checkbox"/>	
• Unauthorized construction (excavations, utilities, structures)		<input checked="" type="checkbox"/>	
• Channel infilling and aggregation		<input checked="" type="checkbox"/>	
• Significant flood levels (within free board) within the last 12 months		<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>
• Trees in or near dike (within 2m from toe) with potential for uprooting?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
• Multi-year vegetation management plan in place?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

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

6. Describe the work required in the next 12 months and the estimated schedule for completion:					
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; padding: 2px;">Item</th> <th style="text-align: left; padding: 2px;">Proposed Completion Date</th> </tr> </thead> <tbody> <tr> <td style="padding: 2px;">Removal of small trees / brush growing along channel proper.</td> <td style="padding: 2px;">Oct 2007</td> </tr> </tbody> </table>	Item	Proposed Completion Date	Removal of small trees / brush growing along channel proper.	Oct 2007	
Item	Proposed Completion Date				
Removal of small trees / brush growing along channel proper.	Oct 2007				

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

Notes on completing this Flood Protection Inspection Report form:

1. Please use a separate inspection form for each dike, or section of dike.
2. 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.
3. 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.**

East Kootenay Regional District

Water Course	Cold Spring Creek	Structure Type	Dike
Water Course 2		Ancilliary Works	
GPS Number	330	Structure Length	484 m
Dike Name	Cold Spring Creek	NAD 83 Map Number	
Region	Southern Interior	Floodplain Maps	
Owner/Administrator	East Kootenay Regional District	UTM Northing	5 576 382
Address	19 - 24 th 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	Stephen McInnis	Infrastructure Protected	
Telephone	250-489-0300	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



KEVIN
RECEIVED

OCT 06 2006

Regional District of
East Kootenay

September 29, 2006

File: 35050-20/Mailout

BC Diking Authorities

Re: Requirement for Submission of Annual Dike Inspection Reports

I am writing to remind you of the requirement for submission of your 2006 Dike Inspection Report. If you have already submitted this report, please accept my gratitude. According to our most recent information, the addressee on the enclosed "Confirmation of Annual Dike Inspection 2006" form is the diking authority contact person. If this is incorrect, please ensure that this letter is forwarded to the appropriate person in your organization.

1. Requirements for Dike Management and Annual Inspections

Diking authorities are responsible for all dike management activities including inspections, performance monitoring, operation, repairs, maintenance, replacement, contingency emergency planning, and emergency response. Diking authorities must undertake inspections and necessary maintenance well in advance of potential high water periods. Knowledge of the status of maintenance of flood protection works is an integral part of flood preparedness planning at both the local and provincial levels.

Diking authorities must complete an annual inspection of each dike and submit the inspection report(s) to the Inspector of Dikes. **Please fill out and submit the "Confirmation of Annual Dike Inspection 2006" form (enclosed) by mail or fax by December 31, 2006. Enclose a copy of your inspection report.** Please also update any contact information details, if applicable.

A comprehensive annual dike inspection report is a primary tool to manage and monitor dike safety. In an effort to improve inspection records, the enclosed Inspection Report form includes:

- use of consistent dike names (please use the "official" dike names and "GPS Numbers" as shown on the enclosed provincial database printouts – green sheets)
- a summary of maintenance work completed in the past 12 months
- a summary of maintenance work proposed for the next 12 months
- attachments such as photos and sketches of critical repair sites

2. Dike Maintenance Act Approvals for Changes to Dikes

To maintain the safety and integrity of dikes and to avoid detrimental effects on other parties and river processes, Section 2(4) of the DMA provides that a person or a diking authority must not make changes to a dike, or to the area adjacent to a dike without the prior written approval of the Inspector of Dikes (or a Deputy Inspector) where these changes include:

- changes or alterations to the cross section or crest elevation of a dike;
- installation of culverts, pipes, flood-boxes, utility lines, pump stations, or any structure through, on or over a dike;
- construction of any works on or over a dike or dike right of way, including structures, excavations and placement of fill or other materials;
- alteration of the foreshore or stream channel where the work could impact the integrity of a dike such as dredging, construction of erosion protection and other in-stream works; and
- construction of a new dike.

Routine maintenance of a dike by a diking authority does not require an Approval but major repairs (i.e. flood box replacement) would require an Approval. When diking authorities become aware that third parties are planning construction that could impact a dike, the diking authority should encourage the submission of an application for DMA Approval to the appropriate Deputy Inspectors of Dikes Offices with provision of a copy to the diking authority. General information and approval requirements, including a copy of an application form, are available on the ministry web page (see address below).

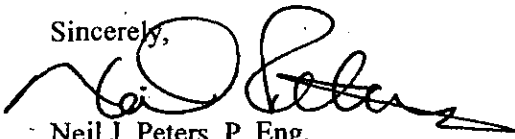
3. Other Dike Safety Information

Several dike safety publications, including the "Dike Design and Construction Guide – Best Management Practices for British Columbia 2003" are available online along with other information through the Water Stewardship Division Dike Safety home page:

http://www.env.gov.bc.ca/wsd/public_safety/flood/structural.html

Your regional Deputy Inspectors of Dikes (see attached contact list) are available for information and advice on dike safety and Approvals under the *Dike Maintenance Act* for new dikes, or changes to existing dikes.

Sincerely,



Neil J. Peters, P. Eng.
Inspector of Dikes

List of Enclosures

1. Confirmation of Annual Dike Inspection 2006 (form)
2. Flood Protection Inspection Report Form
3. Contact List: Inspector and Deputy Inspectors of Dikes
4. Provincial Database Print Outs (green sheets) - provides dike names, GPS No.s and other info.

cc: Deputy Inspectors of Dikes, Ministry of Environment
Brian Symonds, Director, Regional Operations, Water Stewardship Division
Glen Davidson, Director, Management and Standards, Water Stewardship Division