

2018 DIKE INSPECTION CHECKLIST

Dike GPS No. (From database*):	Dike Name (From database*):
Diking Authority:	Local Authority under EPA:
Water Course:	Dike Section:
Date Inspected:	Signed:

A. Is the contact person information correct in the Flood Protection Database*?

Yes

No

If no, please provide details below:

B. Are all of the information for your dike(s) correct in the Flood Protection Database*?

Yes

No

If no, please provide details below (if necessary, attached database sheets with mark-up):

* Flood Protection Works Database:

https://www2.gov.bc.ca/assets/gov/environment/air-land-water/water/integrated-flood-hazard-mgmt/dikes_listed_by_ownerauthority.pdf

C. Has the person inspecting the dike reviewed the "Flood Protection Works Inspection Guide" and/or is familiar with its contents?

Yes

No

If not, please refer to "Flood Protection Works Inspection Guide" (2000) for a detailed guide to dike inspection and reporting:

http://www2.gov.bc.ca/assets/gov/environment/air-land-water/water/integrated-flood-hazard-mgmt/fld_prot_insp_gd.pdf

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**1. Is there any obstruction, deterioration or damage to dike access?
(access routes, ramps, and gates)**

YES	NO ^{***}	N/A

Location(s)**:

Summary of Issues:

Maintenance Recommendations:

When will Recommendations be Completed:

Attached photos with corresponding reference in the checklist (e.g., photo 1...etc) for deficiencies observed – Section 1

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

YES	NO ^{***}	N/A

- Dike Crest and slopes (ruts, loss of surfacing material, obstructions, settlement, cracking, slumping)

Location(s):

Summary of Issues:

Maintenance Recommendations:

When will Recommendations be Completed:

** When referring specific locations, please use either:

- Chainages from the O&M manual drawings,
- Major landmarks (roads, intersections, bridges, etc.),
- GPS coordinates (where possible); DO NOT use local property names

*** Under summary of issues, please add a short description to confirm no deficiencies were observed at the time of the inspection

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	YES	NO***	N/A
<ul style="list-style-type: none"> • Bank Protection (loss of rock, beaching, scarping, weathering) 			
<p>Location(s):</p> <p>Summary of Issues:</p> <p>Maintenance Recommendations:</p> <p>When will Recommendations be Completed:</p>			

Attached photos with corresponding reference in the checklist (e.g., photo 1...etc) for deficiencies observed– Section 2

	YES	NO***	N/A
<p>3. Were any of the following serious problems observed? (if yes, please attach a photo or a sketch)</p> <ul style="list-style-type: none"> • Seepage, piping, boils 			
<p>Location(s):</p> <p>Summary of Issues:</p> <p>Maintenance Recommendations:</p> <p>When will Recommendations be Completed:</p>			

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	YES	NO ^{***}	N/A
<ul style="list-style-type: none"> • Erosion (scour, bed degradation, outflanking) 			
<p>Location(s):</p> <p>Summary of Issues:</p> <p>Maintenance Recommendations:</p> <p>When will Recommendations be Completed:</p>			
	YES	NO ^{***}	N/A
<ul style="list-style-type: none"> • Settlement, slumping, cracking, sink holes, slides, bulges (dike fills or slopes) 			
<p>Location(s):</p> <p>Summary of Issues:</p> <p>Maintenance Recommendations:</p> <p>When will Recommendations be Completed:</p>			
	YES	NO ^{***}	N/A
<ul style="list-style-type: none"> • Animal Damage (beavers, animal burrows, cattle, etc.) 			
<p>Location(s):</p> <p>Summary of Issues:</p> <p>Maintenance Recommendations:</p> <p>When will Recommendations be Completed:</p>			

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	YES	NO ^{***}	N/A
<ul style="list-style-type: none"> • Unauthorized construction or activities (excavations, utilities, structures) 			
<p>Location(s):</p> <p>Summary of Issues:</p> <p>Maintenance Recommendations:</p> <p>When will Recommendations be Completed:</p>			
	YES	NO^{***}	N/A
<ul style="list-style-type: none"> • Changing Channel Flow Patterns (channel infilling, aggregation, ice jam, log jam) 			
<p>Location(s):</p> <p>Summary of Issues:</p> <p>Maintenance Recommendations:</p> <p>When will Recommendations be Completed:</p>			
	YES	NO^{***}	N/A
<ul style="list-style-type: none"> • Significant flood levels (within free board within the last 12 months) 			
<p>Location(s):</p> <p>Summary of Issues:</p> <p>Maintenance Recommendations:</p> <p>When will Recommendations be Completed:</p>			

Attached photos with corresponding reference in the checklist (e.g., photo 1...etc) for deficiencies observed– Section 3

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	YES	NO ^{***}	N/A
4. Vegetation Management			
<ul style="list-style-type: none"> • Hampers or prevents access? 			
Location(s): Summary of Issues: Maintenance Recommendations: When will Recommendations be Completed:			
	YES	NO^{***}	N/A
<ul style="list-style-type: none"> • Reduces visibility to each toe? 			
Location(s): Summary of Issues: Maintenance Recommendations: When will Recommendations be Completed:			
	YES	NO^{***}	N/A
<ul style="list-style-type: none"> • Trees in or near dike (within 2m from toe) with potential for uprooting? 			
Location(s): Summary of Issues: Maintenance Recommendations: When will Recommendations be Completed:			

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	YES	NO***	N/A
<ul style="list-style-type: none"> Multi-year vegetation management plan in place? 			
If not, please discuss how one will be put into place:			

Attached photos with corresponding reference in the checklist (e.g., photo 1...etc) for deficiencies observed– Section 4

5. Appurtenant Works

	YES	NO	N/A
<ul style="list-style-type: none"> Flood Boxes/Pump stations (inlet/outlet channels, gate operation, trash racks, debris, erosion, corrosion, structure, mechanical components) 			
Location(s):			
Summary of Issues:			
Maintenance Recommendations:			
When will Recommendations be Completed:			
	YES	NO	N/A
<ul style="list-style-type: none"> Culverts/Discharge Pipes (breaks, holes, cracks, corrosion, deterioration) 			
Location(s):			
Summary of Issues:			
Maintenance Recommendations:			
When will Recommendations be Completed:			

Attached photos with corresponding reference in the checklist (e.g., photo 1...etc) for deficiencies observed– Section 5

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