

2017 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:

Attach this checklist to your comprehensive report as an appendix. Please also 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

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

YES	NO	N/A
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Location(s): Summary of Issues: Maintenance Recommendations: When will Recommendations be Completed:	
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2017 DIKE INSPECTION CHECKLIST

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

	YES	NO	N/A
<ul style="list-style-type: none"> • Dike Crest and slopes (ruts, loss of surfacing material, obstructions, slumping, cracking) 			
Location(s): Summary of Issues: Maintenance Recommendations: When will Recommendations be Completed:			
<ul style="list-style-type: none"> • Bank Protection (loss of rock, settlement, slumping) 			
Location(s): Summary of Issues: Maintenance Recommendations: When will Recommendations be Completed:			
<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:			

2017 DIKE INSPECTION CHECKLIST

	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:			

Supplemental Photos & Descriptions Attached – Section 2

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

2017 DIKE INSPECTION CHECKLIST

	YES	NO	N/A
<ul style="list-style-type: none"> • Slumping, cracking, sink holes 			
<p>Location(s):</p> <p>Summary of Issues:</p> <p>Maintenance Recommendations:</p> <p>When will Recommendations be Completed:</p>			
<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>			
<ul style="list-style-type: none"> • Unauthorized construction (excavations, utilities, structures) 			
<p>Location(s):</p> <p>Summary of Issues:</p> <p>Maintenance Recommendations:</p> <p>When will Recommendations be Completed:</p>			

2017 DIKE INSPECTION CHECKLIST

	YES	NO	N/A
<ul style="list-style-type: none"> Channel infilling and aggregation 			
Location(s): Summary of Issues: Maintenance Recommendations: When will Recommendations be Completed:			
<ul style="list-style-type: none"> Significant flood levels (within free board) within the last 12 months 			
Location(s): Summary of Issues: Maintenance Recommendations: When will Recommendations be Completed:			

Supplemental Photos & Descriptions Attached – Section 3

4. Vegetation Management

	YES	NO	N/A
<ul style="list-style-type: none"> Hampers or prevents access? 			
Location(s): Summary of Issues: Maintenance Recommendations: When will Recommendations be Completed:			

2017 DIKE INSPECTION CHECKLIST

	YES	NO	N/A
<ul style="list-style-type: none"> • Reduces visibility to each toe? 			
<p>Location(s):</p> <p>Summary of Issues:</p> <p>Maintenance Recommendations:</p> <p>When will Recommendations be Completed:</p>			
<ul style="list-style-type: none"> • Trees in or near dike (within 2m from toe) with potential for uprooting? 			
<p>Location(s):</p> <p>Summary of Issues:</p> <p>Maintenance Recommendations:</p> <p>When will Recommendations be Completed:</p>			
<ul style="list-style-type: none"> • Multi-year vegetation management plan in place? 			
<p>If not, please discuss how one will be put into place:</p>			

Supplemental Photos & Descriptions Attached – Section 4

Notes on using this checklist:

1. **Submission of this checklist alone does not fulfill the requirement of the submission of a comprehensive inspection report.** Requirements for reporting are listed on the Annual Dike Inspection Letter.
2. Please include this checklist as an appendix to the comprehensive report.

2017 DIKE INSPECTION CHECKLIST

3. Use the dike names and GPS Numbers on the provincial database on web page:

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

4. When referring to specific locations please use:
 - Chainages from the O&M manual drawings,
 - Major landmarks (roads, bridges, etc.),
 - and GPS coordinates (where possible).
 - Do not use local property names.