

# DEFICIENCY CHECKLIST

If you find deficiencies with any component of your dam, use the following table to guide you to the relevant section of the **SELF-HELP GUIDE** in the Appendix of the Inspection and Maintenance of Small Dams booklet.

<u>IS THERE ANY APPARENT...</u>	<u>YES</u>	<u>NO</u>	<u>IF YES THEN...</u>
<b>CRACKS</b>			
• embankment cracks on the crest?	<input type="checkbox"/>	<input type="checkbox"/>	section 2.4, 2.5 & 2.6
• embankment cracks on the u/s slope?	<input type="checkbox"/>	<input type="checkbox"/>	section 3.5
• embankment cracks on the d/s slope?	<input type="checkbox"/>	<input type="checkbox"/>	section 4.1
<b>VEGETATION GROWTH AND DEBRIS</b>			
• excessive vegetation growth on the embankments?	<input type="checkbox"/>	<input type="checkbox"/>	section 2.1, 3.4 & 5.2
• floating debris?	<input type="checkbox"/>	<input type="checkbox"/>	section 1.2
• vegetation or debris blocking the spillway channel?	<input type="checkbox"/>	<input type="checkbox"/>	section 8.2
<b>STRUCTURAL PROBLEMS</b>			
• settlement on the crest?	<input type="checkbox"/>	<input type="checkbox"/>	section 2.7
• slough, slides or bulges on the u/s slope?	<input type="checkbox"/>	<input type="checkbox"/>	section 3.6
• slough, slides or bulges on the d/s slope?	<input type="checkbox"/>	<input type="checkbox"/>	section 4.2
• slough, slides or bulges on the reservoir shore?	<input type="checkbox"/>	<input type="checkbox"/>	section 1.1
• slough, slide or erosion of spillway channel?	<input type="checkbox"/>	<input type="checkbox"/>	section 8.1
• sinkhole on crest?	<input type="checkbox"/>	<input type="checkbox"/>	section 2.8
• sinkhole on u/s slope?	<input type="checkbox"/>	<input type="checkbox"/>	section 3.7
• sinkhole on d/s slope?	<input type="checkbox"/>	<input type="checkbox"/>	section 4.4
• displaced or broken down riprap armor?	<input type="checkbox"/>	<input type="checkbox"/>	section 3.2
<b>SEEPAGE</b>			
• wet areas or seepage on the d/s slope or toe?	<input type="checkbox"/>	<input type="checkbox"/>	section 4.3 & 5.1
• ponded water at the downstream toe?	<input type="checkbox"/>	<input type="checkbox"/>	section 5.2
• wet areas or seepage along d/s abutments?	<input type="checkbox"/>	<input type="checkbox"/>	section 6.1
<b>ANIMAL ACTIVITY</b>			
• signs of livestock traffic across dam embankment?	<input type="checkbox"/>	<input type="checkbox"/>	section 4.5
• rodent burrows in dam embankment?	<input type="checkbox"/>	<input type="checkbox"/>	section 2.2 & 3.3
• beaver dams in reservoir or across spillway channel?	<input type="checkbox"/>	<input type="checkbox"/>	section 1.3
<b>OUTLET PROBLEMS</b>			
• outlet operating problems?	<input type="checkbox"/>	<input type="checkbox"/>	section 7.1
• deterioration of the outlet conduit?	<input type="checkbox"/>	<input type="checkbox"/>	section 7.2
<b>SPILLWAY PROBLEMS</b>			
• spillway blockage?	<input type="checkbox"/>	<input type="checkbox"/>	section 8.3
• channel blockage?	<input type="checkbox"/>	<input type="checkbox"/>	section 8.2
• inadequate capacity?	<input type="checkbox"/>	<input type="checkbox"/>	section 8.3