

1 **Q. Re: Tab 1.1 - 2013 Facility Rehabilitation – Soldiers Pond Outlet**

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3 **At p. 5 of the report at Tab 1.1, it states that “The wing walls do not have safety**
4 **railings as they cannot be accommodated with the existing design. A more robust**
5 **wing wall design that incorporates appropriate safety measures is required.” Figure**
6 **12 shows that access to the wing walls is already blocked off by fencing at the top of**
7 **the structure. Is there a safety code provision or other legislative or regulatory**
8 **provision that would require further railings along the wing walls?**
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10 **A. CDA Guidelines for Public Safety around Dams 2011 state:**

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12 *Fencing and barricades may be used to control access and provide effective*
13 *barriers, particularly in the following circumstances:*

- 14 • *Where there is a risk of a vertical fall of three metres.¹*

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16 The vertical drop from the wing walls upstream and downstream of the Soldiers Pond
17 structure ranges from 2 to 4 metres. As shown by the photograph in Figure 1 below, the
18 existing fence at the top of the structure does not provide any fall protection along the
19 length of the wing walls and is inadequate from the perspective of public and employee
20 safety.²
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22



Figure 1

¹ The requirement for fall protection for vertical drops in excess of 3 metres for the general public is consistent with fall protection for employees under section 141 of the Occupational Health and Safety Regulations.

² The structure at Soldiers Pond is accessible to the public by a woods road and is only about 600 metres from the Trans Canada highway. The area is often used by the public for camping and for access to the area beyond Soldiers Pond for fishing and other activities.