

1 Q. **Projects over \$50,000 but Less Than \$200,000**

2 Tab 4 Rehabilitate Salmon River Spillway, Bay d'Espoir:

3 Why hasn't Hydro sought to implement the short term recommendations outlined
4 by Hatch at page A-24 for the Salmon River Spillway?

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7 A. Hydro's strategy for hydraulic structure rehabilitation takes a phased approach,
8 based on priority, considering both condition data and the function of the structure.
9 Hydro's strategy considers all of Hydro's active structures and includes spillways,
10 control structures, bypasses and intakes. Data from sources such as the Hatch study
11 and current condition inspections are assessed annually and used to justify the
12 timing of rehabilitation projects in the five year plan.

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14 Phase 1 focused on priority rehabilitation work at Burnt Spillway structure and
15 Victoria Control structure. That work is currently in progress and nearing
16 completion. Phase 2 addresses the next level of priority and focuses on Salmon
17 River Spillway and the Bay d'Espoir Intakes.

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19 As noted below, remaining rehabilitation work at Salmon River Spillway is proposed
20 to begin in 2015 as part of Hydro's 2015 Capital Budget Application.

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22 **Salmon River Spillway, Project Scope and Timing**

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- Replacement of the gate heating system in gate 2 (2015);

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- Replacement of the power supply and bus bar assembly for the monorail
25 stop log tandem hoists (2016);

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- Replacement of the gain heaters on all three gates (2015);

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- Cleaning and detailed condition assessment of the drives and actuators on all three gates (2015);
 - Cleaning of the gate stems and installation of protective covers on all three gates (2015);
 - Replacement of the floor of the enclosures for the drives on all three gates (2015);
 - Refurbishment of the brakes on the drives for all three gates (2015); and
 - Replacement of the stop log monorail tandem hoists (2016).

Some interim improvements have been completed at Salmon River Spillway, which include the following:

- Construction of a new electricity supply line to the Salmon River Spillway site; and
- Installation of an indicator light system to monitor the 3-phase power supply at Salmon River Spillway.