

1 Q. **Tab D – Projects Over \$200,000 and Less Than \$500,000: p. D-231 – Perform**
2 **Condition Assessment of Control Structure, Hinds Lake**

3 A Gate 1 Condition Assessment was completed during the week of February 16,
4 2015 (Appendix A, p. D-238). Does Hydro anticipate significantly different
5 information will be obtained by an additional inspection to justify including Gate 1
6 in the current proposed project?

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9 A. The inspection done in 2015 was completed by the Long Term Asset Planning (LTAP)
10 group in Bay d’Espoir. The inspection team consisted of an experienced millwright
11 and an engineer in training. The inspection performed was a level one condition
12 assessment that outlined deficiencies on the gate from visual assessments. The
13 inspection showed there is a need for further inspection as outlined in the short
14 term recommendations section of the LTAP report. The further inspection will be a
15 level two condition assessment that is part of this proposed project, to be
16 performed by an external consultant with experience in gate rehabilitation. The
17 level two condition assessment will provide:

- 18 • More detailed direction regarding the long term recommendations in the LTAP
19 report, complete with cost estimates, which the previous inspectors were not
20 experienced or qualified to provide;
- 21 • The current life expectancy of the control structure, as the previous inspectors
22 were not qualified to provide this;
- 23 • Recommendations for short, medium and long term maintenance and upgrades
24 complete with cost estimates which were not previously determined, to ensure
25 the control structure is in the proper condition to operate safely for the next 25
26 years.

- 1 Hydro anticipates the results of this level 2 condition assessment will produce a
- 2 materially different assessment than the level 1 assessment with respect to details,
- 3 future requirements and cost estimate.