

1 Q. Will the implementation of a Water Management Agreement require that CF(L)Co  
2 take into account factors in addition to those currently taken into account pursuant  
3 to CF(L)Co's Water Lease and its contract with Hydro Quebec when it makes  
4 decisions about how much water to release into the Lower Churchill River and/or  
5 the CF(L)Co tailrace?

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8 A. The implementation of the Water Management Agreement will not require CF(L)Co  
9 to take into account any additional factors. The implementation of the Water  
10 Management Agreement will require CF(L)Co to adhere to the production schedules  
11 set by the Independent Coordinator as opposed to the production schedules  
12 provided directly by CF(L)Co's customers.

1 Q. Will the implementation of the Water Management Agreement result in a different  
2 flow in the Lower Churchill River and/or the CF(L)Co tailrace at particular times and  
3 places than under current practice?  
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6 A. It is not anticipated that there will be any material difference in the annual flow  
7 from the CF(L)Co tailrace or in the Lower Churchill River under water management  
8 and the flow that would otherwise occur.  
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10 The anticipated monthly variations in volumes of water associated with energy  
11 banking during an average precipitation year are approximated in the information  
12 contained in the answer to PUB-NE-49.  
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14 Under water management, the hourly flows may vary from what otherwise would  
15 have been the case in the absence of water management. However, any such  
16 change will be within the limits of existing flow parameters established for the  
17 Churchill Falls facilities. Water management will operate within those existing flow  
18 parameters.  
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20 Flow parameters for the lower Churchill facilities will be established through the  
21 environmental assessment and subsequent permitting processes. Nalcor has  
22 recognized in the environmental assessment process that the minimum flow in the  
23 Churchill River, including at the Churchill Falls tailrace, will be approximately 475  
24 cubic meters per second. Water management will operate within the parameters  
25 established for the lower Churchill facilities.

1 Q. If so, what is the anticipated percentage difference in the Lower Churchill (*sic*) River  
2 and/or the CF(L)Co tailrace between the flow that will exist after the  
3 implementation of the Water Management Agreement and the flow that would  
4 otherwise be present?

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7 A. Dispatch under the Water Management Agreement and hence effect on tailrace  
8 flows occurs hour by hour. Flows under water management will be within the  
9 existing parameters for the upper Churchill facilities and within the parameters to  
10 be established for the lower Churchill facilities. It is not possible to determine in  
11 advance what the flows will be, or would otherwise have been, in any particular  
12 hour in the future, as already discussed in the response to PUB-NE-23.

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14 The anticipated monthly variations in volumes of water associated with energy  
15 banking during an average precipitation year are approximated in the information  
16 contained in the answer to PUB-NE-49.

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18 It is not anticipated that there will be any material difference in the annual flow  
19 from the CF(L)Co tailrace or in the lower Churchill River under water management  
20 and the flow that would otherwise occur.