

**Notice of Work on Non-Scheduled Waterway**  
*Canadian Navigable Waters Act*

**Installation of Safety Booms for Public Safety Around Dams**

Vale Canada Limited (Vale) hereby gives notice that a submission has been added to the Navigable Waters Registry pursuant to the *Canadian Navigable Waters Act* for public comment related to installation of new safety booms and relocation of existing safety booms at its generating stations on the Spanish and Vermilion Rivers. Pursuant to paragraph 10(1)(b) of the Act, Vale has deposited with the Minister of Transport on the online Navigable Waters Registry (<http://cps.canada.ca/>) and under registry numbers 9854, 9855, 9857 and 9858, a description of the work, its site and plans: **to install safety booms at hydro-electric generating stations.**

Additional description:

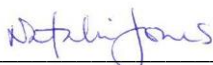
Vale operates five hydro-electric generating stations (GS) on the Spanish and Vermilion Rivers in the Province of Ontario. Vale has undertaken public safety around dams assessments that have identified opportunities to improve controls and safety measures at the Big Eddy GS, High Falls No. 1 and No. 2 GS, Nairn Falls GS, and Wabagishik GS through the addition of downstream safety booms and through re-anchoring of some upstream safety booms so as to improve self-rescue capabilities.

Generating Station	Upstream Safety Boom		Downstream Safety Boom	
	Description of Change	Anchor Points	Description of Change	Anchor Points
Big Eddy GS	Relocate anchors	-81.57984454, 46.38588366 -81.57619627, 46.38492324	N/A	N/A
High Falls GS	N/A	N/A	New	-81.56908647, 46.37858856 -81.56820990, 46.37911284
Nairn Falls GS	Relocate anchors	-81.57102176, 46.34614066 -81.57080629, 46.34527854	New	-81.57559433, 46.34336887 -81.57538901, 46.34270106
Wabagishik GS	Relocate anchors	-81.51880342, 46.31516976 -81.52003656, 46.31452395	New	-81.52098117, 46.31669778 -81.52113198, 46.31629258

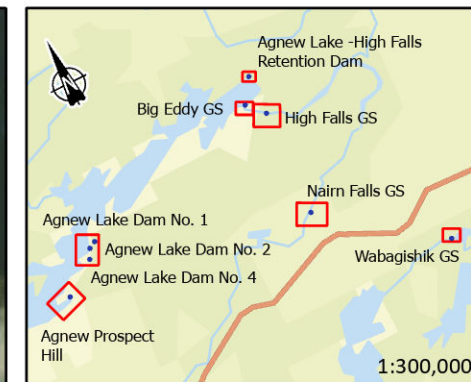
The locations of the proposed booms can be seen in the drawings appended to this Notice and available through the online registry posting. While safety booms at dams are installed to protect the public from hazard zones, they are installed across water bodies that may be used for navigation, and it is therefore required that a notice be published under the *Canadian Navigable Waters Act* and comments sought on potential effects on navigation of the booms. Vale maintains portages around each of its generating stations, with access points outside of the hazard zones protected by the safety booms.

Comments regarding the effect of this work on navigation can be sent through the Common Project Search site mentioned above under the Comment section (search by registry #9854, 9855, 9857 and 9858) or by sending comments directly to Vale at address below if you do not have access to the internet. Note that comments will only be considered if they are received not later than 30 days after the publication of this notice.

Signed at Sudbury, Ontario this 1<sup>st</sup> day of February 2024.



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### Legend

-  Anchors
-  Upstream Boom



### Map 4 Big Eddy GS Boom Design

Sources :  
ESRI World Imagery, 2018



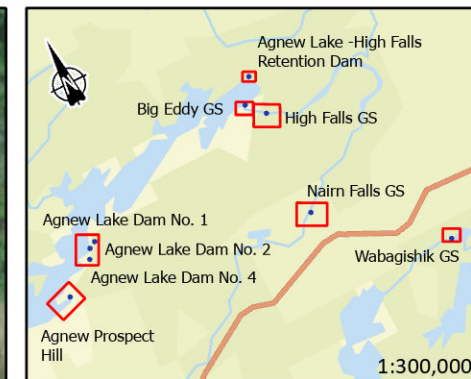
**WORK DOCUMENT**

NAD 1983 CSRS UTM Zone 17N

December 2023

Designed by: B. Rajeev Rad  
Drawn by: P.-A. Bastin  
Verified by: V. Latour  
CA0015658.4675\_lower\_spanish





### Legend

-  Anchors
-  Downstream Boom



### Map 5 High Falls GS Boom Design

Sources :  
ESRI World Imagery, 2018



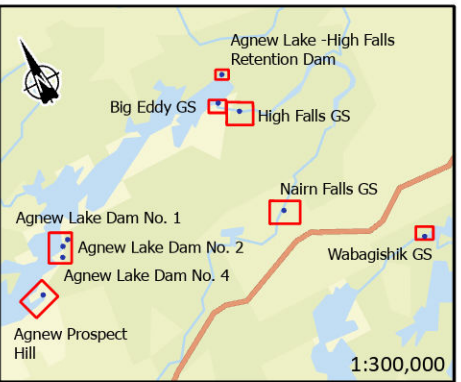
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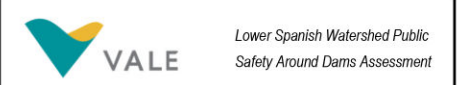
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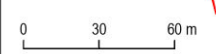


- ### Legend
-  Anchors
  -  Downstream Boom
  -  Upstream Boom



### Map 6 Nairn Falls GS Boom Design

Sources :  
ESRI World Imagery, 2018



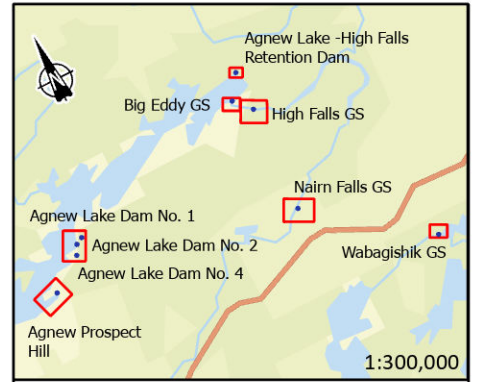
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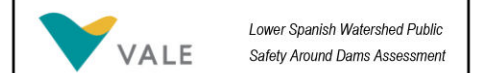
Designed by: B. Rajee Rad  
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### Legend

-  Anchors
-  Downstream Boom
-  Upstream Boom



### Map 7 Wabagishik GS Boom Design

Sources :  
ESRI World Imagery, 2018



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