

Reservoir Survey

Performed by: Mohammad Ansari and Regis Bouchard

Date: 15-Aug-2017

Weather: Mostly Sunny, 16 °C

Surveyed River Area: From Muskrat Falls Site to Gull Island Lake

Comments

Erosion ongoing in sloped surfaces with no green cover and some sediment was still observed between kilometers 49 to 44 on the North Bank of the reservoir. No unusual conditions to report at this time.

South Bank – From 43 km to 95 km

Kilometer	Erosion/Shoals	Slopes/Sloughs/Slides	Conditions
44 to 48	Yes	None	Slow erosion
48 to 51	Shoals along the edge	None	Slow Erosion
51 to 60	Some shoals visible	None	Green cover/Sand deposit
60 to 66	Some shoals	No new slide	Active erosion
66 to 68	None	No change since last inspection	Active erosion
68 to 70	Shoals	Two fresh slides (small)	Active erosion
70 to 72	None	None	Green covered
72 to 78	Some shoals visible	Smaller slopes	Active erosion
78 to 81	Shoals	Small slope failures	Active erosion
81 to 84	None	None	Stable (Green and Gravel beach)
84 to 85	None	Fresh slides – not new	Rapid water/large slopes
85 to 88	None	None	Stable (Green and Gravel beach)
88 to 90	None	Two fresh slides	Some active erosion
90 to 92	Shoals	None	Gravel beach banks – stable
92 to 95	Shoals with gravel on top	Steep slopes with no green	Active erosion

North Bank – From 95 km to 43 km

Kilometer	Sedimentation/Shoals	Slopes/Sloughs/Slides	Conditions
95 to 84	Shoals –with gravel on top	None	Stable –gravel and green edges
84 to 80	Few shoals	None – few steep areas	Active erosion
80 to 76	None	None	Active erosion
76 to 70	None	None	Mostly Stable
70 to 60	None	None	Mostly Stable
60 to 56	None	Steep slopes –no green	Active erosion
56 to 52	Shoals	None	Stable –all green
52 to 49	None	None	Stable –all green
49 to 46	Sedimentation	None	Green covered
46 to 43	Sedimentation	None	Stable



Figure 1: Between 67 to 68 Km, South Bank (Active Erosion)



Figure 2: About 48 km North Bank, some sediment (active erosion)



Figure 3: Kilometer 48 North Bank, active erosion

For more pictures please check the link below:

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