

Reservoir Survey Report

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Date: 25-Aug-2017

Weather: Mostly Cloudy, 11 °C

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

Observation Summary

Active erosion ongoing at sloped surfaces with no green cover, and ground water is seeping through sandy slopes. Heavy rain in the last 24 hours resulted in observable sedimentation in the river along both the banks, more along the South Bank. No new or unusual conditions to report at this time.

Table 1: South Bank – From 43 km to 95 km

Kilometer	Erosion/Shoals	Slopes/Sloughs/Slides	Conditions
44 to 48	Slow erosion	None	Mostly stable
48 to 51	Shoals along the edge	None	Stable
51 to 60	Some shoals visible	None	Sand deposited banks
60 to 66	Few shoals	High slopes	Active erosion
66 to 68	None	High slopes	Active erosion
68 to 70	Shoals	Some small slopes	Active erosion
70 to 72	None	None	Green covered
72 to 78	Few shoals	Some small slopes	Active erosion
78 to 81	Shoals	Some small slopes	Active erosion
81 to 84	None	None	Stable
84 to 85	None	Few high slopes	Active erosion
85 to 88	None	None	Stable
88 to 90	None	Moderate slopes	Some active erosion
90 to 92	Shoals	None	Stable
92 to 95	Shoals	Moderate slopes	Slow erosion

North Bank – From 95 km to 43 km

Kilometer	Erosion/Shoals	Slopes/Sloughs/Slides	Conditions
95 to 84	Shoals	None	Stable
84 to 80	Few shoals	Few high slopes	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	High slopes	Active erosion
56 to 52	Shoals	None	Stable
52 to 49	None	Few slopes	Stable
49 to 46	Slow erosion	High slopes	Mostly stable
46 to 43	Slow erosion	None	Mostly stable



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



Figure 2: Active erosion South Bank, 82 Km



Figure 3: About 48 km North Bank, some sediment (active erosion)



Figure 4: Kilometer 48 North Bank, active erosion