Weight of Evidence Summary

	✔	Result was as expected
	✘	Result was not as expected
	●	No result was expected

Question Addressed: Did regulation of Rainy Lake and Namakan Chain of Lakes under the 2000 Rule Curves result in a better, neutral, or worse outcome for the study subject?

INDEX Nos	Weight of Evidence Study Subject	Namakan Chain of Lakes Better	Namakan Chain of Lakes Neutral	Namakan Chain of Lakes Worse	Namakan Chain of Lakes Inconclusive	Rainy Lake Better	Rainy Lake Neutral	Rainy Lake Worse	Rainy Lake Inconclusive	Rainy River Better	Rainy River Neutral	Rainy River Worse	Rainy River Inconclusive
1. Fish													
33	Northern Pike Population	✔				●							
8	Northern Pike Young of Year	✔					✔						
8, 21	Northern Pike Nursery and Young of Year Habitat	✔				✔							
33	Walleye Population				●				●				
32	Walleye Young of Year	✔				●							
16, 19, 21	Walleye Spawning Habitat	✔				*expected*	✘			✘	*expected*		
33	Yellow Perch Population		●			●							
26, 30, 32	Yellow Perch Young of Year	●				●							
9, 40, 48, 49	Lake Sturgeon Population	*expected*			✘	*expected*			✘		●		
9, 19	Lake Sturgeon Spawning Habitat									✘	*expected*		
46a-d	Whitefish Population	*expected*					*expected*		✘				
*	Whitefish Spawning Habitat	✔				✔							
15	Rainy River Index of Biotic Integrity									*expected*	✘		
26, 30	Young of Year Yellow Perch Mercury Concentration				●				●				
2. Wildlife													
34	Beaver Population	✔					✔						
6	Habitat for Birds and Herptiles				●				●				
4, 21, 31	Common Loon Reproductive Success	✔				✔							
21	Muskrat Lodge Winter Viability		✔			✘	*expected*						
3. Economic Impacts													
**	Power Production							✔					
11	Flooding			✔				✔					
11	Ice Damage			*expected*	✘			*expected*	✘				
10	Resort Industry	✔					*expected*		✘				
4. Archeological Resources													
12,13	Condition of Resources	✔				✔							●
5. Vegetation													
21	Cattail Invasion		●				●						
1,28	Wetland Vegetation	✔							●				
21	Emergent Vegetation - Wet meadow	*expected*		✘		●							
21, 28	Submerged Plants	✔					●						
21	Wild Rice	*expected*	✘			●							
6. Invertebrates													
7, 27a, 27b	Invertebrate Community	✔					✔						
14	Mussels												●
7. Water Quality													
22,23	Trophic State	✔				✘	*expected*						
22, 23, 24	Lake Water Phosphorous Concentrations	*expected*	✘				✔						
17	Municipal & Fish Hatchery Use										*expected*		✘