



Publics Services and
Procurement Canada

Timiskaming Dam-Bridge of Quebec Replacement Project (Quebec)

Environmental Impact Statement PART F – Summary of the Environmental Effect Assessment Chapter 21 Cumulative Effects



TETRA TECH

Project number : 715-32760TT
February 2023



PUBLIC SERVICES AND PROCUREMENT CANADA

Environmental Impact Statement Timiskaming Dam-Bridge of Quebec Replacement Project (Quebec)

Our Reference: 32760TT (60ET)

Tetra Tech QI inc.
7275, Sherbrooke Street East
Office 600
Montréal (Québec) H1N 1E9
☎ 514-257-0707

Verified by:

<Original signed by>

Jacqueline Roy, M.Sc., biologist, PMP
Project manager

February 2023
Revision 02

REVISIONS

Revision n°	Description	Date	By
00	Final Draft - Version for comments	June 2022	JR
01	EIS – Version for the Impact Assessment Agency Review	September 2022	JR
02	EIS – Second Version for the Impact Assessment Agency Review	February 2023	JR

TABLE OF CONTENTS

PART F - SUMMARY OF THE ENVIRONMENTAL EFFECT ASSESSMENT.....	21-1
21 CUMULATIVE EFFECTS	21-1

PART F - SUMMARY OF THE ENVIRONMENTAL EFFECT ASSESSMENT

21 CUMULATIVE EFFECTS

Chapter 17 assessed cumulative effects based on the Agency's Operational Policy Statement and their guidelines. The consultation activities led with Indigenous communities as well as the First Nation's Major Projects Coalition's (FNMP) First Nation Major Project Assessment were also taken into account. AOPFN and the AOO cumulative effect studies or recommendations were also integrated.

The biophysical VCs analysed are Water quality (mercury), Water quality (flows), Fish and Fish habitat, Lake Sturgeon, American Eel. Indigenous Nations VCs are Physical and Cultural Heritage, Fish and Fish Harvesting, Wildlife and Wildlife Harvesting, Plants and Natural Materials Harvesting and Water use.

Past projects that occurred between 1909 and today, including the initial construction of the Timiskaming Dam Complex, deeply modified the Ottawa river ecosystem, and consequently the ability to practice Indigenous rights. Current and future projects will perpetuate the changes. Even if some past effects have faded over time, others remain. At the time of construction of the original dam, legislation aimed at protecting Indigenous physical and cultural heritage was non-existent. Over time, legislation and regulations aimed at protecting Indigenous rights have increased and are expected to continue with reconciliation efforts and legislative changes to promote the same made both federally and provincially. Nevertheless, development continues in the Ottawa River watershed, and even with legislative changes, impacts on the ability of Indigenous groups to exercise their rights as they did prior to dam developments on the Ottawa River remain impacted from cumulative effects.

Since the Project is a replacement of infrastructure that has been present in the Ottawa River for over a century, it is a perpetuation of an historic effect on the Ottawa River. Therefore, the effects of the Project remain the same when taken on balance with the effects of other past, present or future projects. The mitigation measures proposed in Chapters 11 to 14 and the follow-up and monitoring described in Chapters 22 and 23 appear sufficient and no additional measures are deemed necessary.

PSPC will continue to meaningfully involve Indigenous perspectives and knowledge in future decisions related to their current and future physical activities in the RSA. This may include modifying project designs to minimize footprints and to facilitate access to areas that are important to them. It may also include implementing the highest national environmental protection standards for those infrastructure projects. PSPC will also continue to work with Indigenous communities during the preparation of the impact study, the final design of the project, and during monitoring and follow-up.