

Appendix 4-2 – Owner’s Environmental Requirements for Construction, Sections A-G, Revision 2, January 15, 2007 (Waneta Hydroelectric Expansion Project, Environmental Assessment Certificate Application, Volume 1, Section 9, Appendix 9A).

[The following document was prepared by the Proponent]

The Proponent has developed Environmental Management Programs for construction and operation and has set out the details of these programs in the Application. The Proponent has also made commitments to ensure monitoring of, and compliance with these Environmental Management Programs.

The Project Environmental Management Program for Construction covering both the powerplant and the transmission line incorporates the specific and general commitments made in the Application and in the responses to comments on the Application. The Environmental Management Program for Construction puts responsibilities on the Proponent and, through construction contracts, on the Contractor, and includes accidents and malfunctions provisions. As part of its Environmental Management Program for Construction and as described in the Application, the Proponent has clearly established roles and responsibilities and lines of communication involving both the Proponent and the Contractor, and has set out monitoring and reporting protocols. The Environmental Management Program for Construction has at its core a detailed Owner’s Environmental Requirements for Construction which reflects commitments and undertakings made by the Proponent and specifies the standard industry management practices that will be applied to avoid or mitigate the majority of potential adverse construction effects on the environment. In addition, the Owner’s Environmental Requirements for Construction includes special management measures created to avoid or mitigate those specific potential adverse effects that are outside the scope of standard practices due to environmental issues peculiar to the Site.

The Owner’s Environmental Requirements for Construction sets out comprehensive objectives, criteria and requirements that the Contractor will be required to follow in the construction of the Project. The Owner’s Environmental Requirements for Construction requires the Contractor to carefully plan, schedule and perform construction activities in a manner that will not result in adverse effects on the environment greater than those described in the Application. A key element of the Owner’s Environmental Requirements for Construction is the requirement for the Contractor to develop Environmental Work Plans to describe the means and methods that the Contractor will use during construction to meet the requirements of Permits, Licences and Approvals and to meet the objectives, criteria and requirements of the Owner’s Environmental Requirements for Construction.

The Project Environmental Management Program for Operations incorporates the specific and general commitments made in the Application and in the responses to comments on the Application for the operation and maintenance of the Project. The Environmental Management Program for Operations puts responsibilities on the Proponent and, through operation and maintenance contracts, on the Operations and Maintenance Operators. The Environmental Management Program for Operations will incorporate, in specific environmental plans, the mitigation and protection measures developed in the Application for Operations and Maintenance Operators. Powerplant

Operations and Maintenance Operators procedures will address accidents and malfunctions and include site environmental management and public safety management. Transmission line Operations and Maintenance Operators procedures will also address associated accidents and malfunctions and include vegetation management, access road maintenance and treated pole replacement and disposal.

Both the Environmental Management Program for Construction and the Environmental Management Program for Operations will be under the jurisdiction of the Proponent and the Proponent has established detailed Quality Assurance monitoring and auditing procedures for implementation in the respective phases of the Project.