Table of Contents

9.0 Environmental Protection Plan 473

List of Tables

Table 9.0-1 Annotated Table of Contents for EPPs for the Argentia Renewables Project. 473

9.0 Environmental Protection Plan

An Environmental Protection Plan (EPP) represents a proactive response to the pressing issues of climate change, biodiversity loss, and resource depletion. Grounded in scientific rigor and guided by a commitment to responsible stewardship, the EPP will be adapted to fit the distinct Project phases from the Construction Phase, throughout the Operation and Maintenance Phase, and eventually during Decommissioning and Rehabilitation Phase. Each plan lays out the hierarchy of responsibility and reporting so that individual roles and documentation procedures are clearly understood. Site and activity-specific environmental procedures are organized for field utilization and worded to avoid ambiguity.

Table 9.0-1 provides an annotated table of contents for Project EPPs. Each individual EPP (Construction Phase, Operation and Maintenance Phase, Decommissioning and Rehabilitation Phase) will be tailored to reflect the relevant site activities and their associated protection procedures.

Table 9.0-1 Annotated Table of Contents for EPPs for the Argentia Renewables Project.

Section	Description
Cover Page	Includes the title (Environmental Protection Plan), corporate owner of the document, Project phase or activity, affected facility or location, and the effective date of the plan.
EPP Control and Revisions	Provides guidelines for document revisions and updates. Includes an approval page with the name, title, and signature of persons responsible for EPP development, approval, and implementation. A record of updates and amendments is provided, as well as the EPP distribution list.
Table of Contents	Provides a listing of sections, figures, tables, and appendices of the EPP.
1. Introduction	Introduces the EPP in the context of the Project Environmental Management Framework. Brief description of the Project location and Project overview including the Registration process and permit requirements.
1.1. Purpose	Describes the purpose of the EPP and why it is required.
1.2. Organization of the EPP	Provides a brief overview of each section of the EPP and appendices.
1.3. Corporate Environmental Policy	Describes Argentia Renewables' corporate Environmental Policy and how it is adapted to the Project to reflect commitments to sustainable development, environmental protection, and health and safety.
2. Regulatory Requirements	Outlines the regulatory requirements that apply to the Project at the federal, provincial, and municipal levels.
2.1. Potential Approvals, Authorizations, and Permits	Lists the environmental approvals, authorizations and permits applicable to site activities. Includes references to the appropriate Acts, regulations, and by-laws.
2.2. Environmental Compliance	Identifies reporting and compliance conditions associated with permits and approvals.

Section	Description
3. Scope of the EPP	Identifies the subject matter addressed and the relationship to other plans within the Environmental Management Framework. The potential for overlap / redundancy is described and how this is addressed/resolved. The relationship of the plan to employees, contractors and other entities is explained.
4. Objectives of the EPP	Describes the objectives of the EPP and how it will be used by employees. This includes long term goals, as well as interim objectives and achievable targets.
5. Project Description Overview	Provides an overview of the applicable Site activities by location for the subject phase (Construction Phase, Operation and Maintenance Phase, Decommissioning and Rehabilitation Phase) and schedule/ timing.
6. Roles and Responsibilities	Identifies personnel responsibilities and reporting relationships for environmental monitoring, incident response, reporting, performance evaluation, and approval.
7. Environmental Protection Procedures	Provides descriptions of environmental concerns and sensitivities associated with each subject activity for the applicable Project phase. This is followed by a detailed description of each applicable environmental protection procedure, including documentation and reporting protocols. Information on sensitive timing, buffer zones, and other mitigation measures will be incorporated into each description. At a minimum, procedures will address: • Surveying, ROW clearing; • Laydown and storage areas; • Clearing, grubbing, and overburden management; • Quarrying and aggregate removal; • Blasting; • Working in or near freshwater environment or wetlands; • Erosion control and sediment prevention; • Watercourse crossings – fording, culverts, and bridges; • Linear developments; • Vehicle traffic and site access; • Marine traffic; • Storage, transportation, and management of fuel and other hazardous materials; • Equipment use and maintenance; • Excavating, backfilling, and grading; • Concrete/Grout handling and placement; • Solid waste disposal; • Working in or near marine environment; • Sewage handling and disposal; • Borehole and water well drilling; • Lighting; • Air emissions, noise and dust control; and • Pumps and generators.

Section	Description
8. Resource Specific Protection Procedures	Provides a description of potential environmental concerns applicable to the Project for resources of concern, including: • Avifauna management; • Fish and fish habitat; • Rare plants and lichens habitat; • Historic resources; and • Wildlife management.
9. Area Specific Protection Procedures	Lists the specific Construction Phase activities, environmental issues, environmental protection procedures and monitoring requirements for each Project area.
10. Environmental Mitigation Measures	Each Project activity/environmental concern will be categorized in a table with each respective mitigation(s). Person(s) responsible for implementing mitigation measures will be identified.
11. Environmental Monitoring and Reporting	Describes site inspections and compliance monitoring requirements. Identifies personnel responsible for conducting monitoring, schedule for monitoring, types of activities to be monitored, locations and parameters to be monitored, overview of information recorded to track mitigation effectiveness, and procedures for correcting non-compliances. Internal and external reporting procedures are identified.
12. Contingency and Monitoring Plans	Outlines contingency and monitoring plans for Unplanned Events that could occur during the applicable Project phase. Contingency and Monitoring Plans include: • Fuels and Hazardous Materials Spills; • Extreme Weather; • Surface Water Quality Monitoring; • Wildlife Encounters; • Discovery of Historic Resources; and • Discovery of Human Remains. Plans such as Spill Prevention and Response Plan and Post-Construction Monitoring Plan will be developed under separate covers and appended to the EPP.
13. Training	Identifies required training by task and role. Environmental orientation requirements for Project employees, site visitors, material and service contractors are described. The method of training records maintenance will be identified.
14. Contact List	Lists key Project personnel and regulatory contacts.
15. References	Presents a list of references consulted in the creation of the EPP.
16. Signature Page	A page for employee and contractor signoff upon review.
Appendices	Documents to accompany the EPP, including the EPP distribution list, revision request form, revision history log, site inspection/monitoring/sampling forms, incident and reporting forms, and plans developed under separate covers.