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12.0 Commitments Made in the Registration Document

As Argentia Renewables works to transition the world to renewable energy, it does so in a way that respects the integrity of the environment. Argentia Renewables engages with stakeholders to understand the impacts of each project and develop robust plans to mitigate them. Argentia Renewables also strives to reduce its footprint within its corporate and operational facilities and to minimize adverse impacts through proper assessment, planning, avoidance, and mitigation. The company complies with laws and regulations as its minimum standard and implements industry best practices where local requirements are not as stringent. Argentia Renewables works collaboratively with diverse stakeholders – environmental organizations, landowners, communities, Indigenous Peoples, and governmental entities – during all stages of the project lifecycle.

Sections 12.1 - 12.4 comprise Argentia Renewables statement of commitments for safety and health, community and cultural, environmental, diversity, equity, and inclusion. Section 12.5 provides an indexed list of commitments made in the Registration document regarding environmental effects mitigation, monitoring, and follow-up.

12.1 Statement of Safety and Health Commitments

Argentia Renewables is committed to the safety and health of our employees, contractors, and people in the communities around the Project. We incorporate safety and wellness into our decision-making in everything we do and believe in having an injury-free workplace. To this end, Argentia Renewables strives to:

- Construct our projects and operate our facilities using best practices to prevent injury to employees, contractors, and the public. We will partner with contractors and companies that share our values and commit to supporting our vision of an injury-free workplace.
- Follow all applicable health and safety laws and regulations as our minimum standard and promote a culture of safety. In addition, we will continuously review and update our practices to reflect the latest advancements and best practices in safety.
- Engage our employees to identify potential hazards and develop proper mitigations. Argentia Renewables encourages open and transparent communication about safety concerns, incidents, and near misses. All employees and contractors will be encouraged to report any unsafe conditions or practices.
- Provide training to all employees so they may recognize and mitigate risks. We will take immediate action to mitigate risks, and hazard assessments will be conducted regularly. Controls will be

established to prevent accidents/injuries. We will monitor, report, and seek to continually improve our overall safety performance.

- Empower our workforce to use their “stop work” authority to halt activity if they perceive a hazard that may endanger themselves or others. We will strive to identify root causes and learn from any accidents that may occur.

12.2 Statement of Community and Cultural Commitments

Argentia Renewables understands that the success of this Project is dependent upon the well-being and prosperity of the communities and culture of the Placentia region. Argentia Renewables is committed to fostering long-lasting relationships with residents, landowners, and the communities near our projects, and to facilitating engagement in all phases of this Project.

To these ends, Argentia Renewables will:

- Engage with people of the Placentia region to understand concerns and wishes regarding the Project. Through open dialogue and collaboration, Argentia Renewables will contribute positively to the social and economic development of the region. We will continually evaluate feedback from stakeholders to ensure we are making a positive impact and addressing evolving needs effectively.
- Identify positive and negative community and cultural impacts to inform our planning and decision-making.
- Protect the environment, minimize our impact on the habitats around the Project, and enhance the area so that it may continue to be enjoyed recreationally.
- Create lasting economic benefits for communities by providing local job opportunities, supporting local businesses, and investing in infrastructure. By empowering local economies, we aim to foster long-term prosperity and resilience.
- Foster an inclusive, respectful work environment. Argentia Renewables celebrates cultural diversity and promotes cultural awareness within our company and beyond.
- Invest in initiatives that address community priorities and contribute to social progress.
- Offer transparency and accountability in our communications and actions, building trust and credibility in the Placentia region.
- Respect the heritage and history of Indigenous Peoples in Newfoundland and Labrador.

12.3 Statement of Environmental Commitments

Argentia Renewables is deeply committed to helping in the fight against climate change, sustainable solutions, and environmental stewardship. We believe climate change is the world's biggest environmental challenge, and producing energy from clean, renewable sources is essential to reducing the global carbon footprint.

Argentia Renewables will:

- Help expand the global awareness and use of wind power to produce hydrogen. By harnessing renewable electricity to power electrolysis, a process that safely splits water into hydrogen and oxygen, green hydrogen offers new, cost-efficient decarbonization solutions.
- Minimize the environmental impact of our operations. Through careful design and infrastructure planning, the ecological footprint of the Project will be minimized. Interactions with local flora and fauna will be identified and minimized.
- Argentia Renewables prioritizes waste reduction and recycling in our operations. By implementing sustainable waste management practices, we aim to minimize landfill disposal and reduce our environmental footprint.
- Argentia Renewables is committed to continual improvement in our environmental performance, with ambitious goals and regular monitoring and progress evaluation. We invest in research and development to advance renewable energy technologies and improve the efficiency and sustainability of our operations.
- Argentia Renewables will provide stakeholders with clear and accurate information about our environmental performance and initiatives. We are committed to open dialogue and collaboration with local communities, regulators, and environmental organizations to ensure that our operations align with the highest environmental standards and best practices.

12.4 Statement of Diversity, Equity, and Inclusion Commitments

Argentia Renewables is committed to a diverse, equitable, and inclusive workplace where all employees belong, regardless of background or gender. We believe in providing an environment where employees from underrepresented groups are encouraged and empowered, leading to a more engaged workforce and better business outcomes. We recognize diversity, equity, and inclusion are multifaceted and that changing behaviors and systems takes work and time.

Argentia Renewables commits to:

- Development and implementation of a Diversity, Equity, and Inclusion (DEI) strategy which will outline commitments and drive accountability.
- Identify, track, and report on DEI performance metrics and progress on DEI initiatives.
- Overcome DEI barriers that impact talent acquisition and development, retention, recognition, and advancement.
- Foster a community where employees are comfortable at work and are open to participating in difficult conversations.
- Encourage, support, and resource our employee-led Affinity Networks.
- Support the Pattern Energy DEI Council to provide input into our DEI initiatives.
- Apply a DEI perspective across our business activities and value chain, including procurement, community investment, and stakeholder engagement.
- Enhance our culture by demonstrating these commitments throughout all levels of the organization.

12.5 Environmental Effects Mitigation, Monitoring and Follow-up Commitments

Table 12.5-1 Environmental Effects Mitigation (Mi), Monitoring (Mo) and Follow-up (F) Commitments Index.

Type			Registration Section	Commitment
Mi	Mo	F		
		X	1.3 (Project Benefits)	Argentia Renewables will go beyond the electrical grid to begin decarbonizing other sectors of the global economy.
		X	1.3 (Project Benefits)	The Project is committed to maximizing long-term benefits for the Placentia area, its surrounding regions, the province of Newfoundland and Labrador, and Canada as a whole.
		X	1.3 (Project Benefits)	The Project will stimulate a new clean energy economy and ensure that the Placentia area is part of this emerging sector in Newfoundland and Labrador.
		X	1.3 (Project Benefits)	The Project will drive growth by creating local jobs in the Placentia area in the construction, operation, and maintenance of wind turbines and hydrogen and ammonia production facilities.
		X	1.3 (Project Benefits)	The Project will attract investment to the Placentia area and broader region and will help drive economic activity in related industries and local businesses.
		X	1.3 (Project Benefits)	This Project will generate revenue for the Placentia area and region taxes and financial agreements, contributing to municipal and provincial revenues.
		X	1.3 (Project Benefits)	Argentia Renewables will continue to conduct regular and open public engagement for the life of the Project.
		X	1.3 (Project Benefits)	Argentia Renewables will allocate a dedicated budget for a comprehensive Community Benefits Program in Placentia as well as an Environmental Stewardship Program.
		X	2.2.3 (Argentia Renewables Commitment to Environmental and Community Stewardship)	Argentia Renewables is committed to the sustainable development, construction, and operation of renewable energy facilities, while providing a workplace that is diverse, equitable, and inclusive.
		X	2.2.3 (Argentia Renewables Commitment to Environmental and Community Stewardship)	Argentia Renewables will develop lasting partnerships with local communities in the Project Area, including environmental and stewardship groups.
X			2.3.1 (Argentia Green Fuels Facility and Infrastructure)	Infrastructure will be sited based on property availability, ease of construction and infrastructure access, proximity to suitable dock space, adequate buffer space allowance from other industrial activities, and foundation conditions.

Type			Registration Section	Commitment
Mi	Mo	F		
X		X	2.3.1.4 (Water Requirements), 2.4.1.4 (Feedwater Treatment and Cooling Systems)	Non-evaporative cooling will be used at the Argentia Green Fuels Facility to significantly decrease water demand.
X			2.3.1.6 (Wastewater), 2.4.1.5 (Wastewater Treatment System)	Wastewater discharged to the environment will comply with emissions and effluent limits (contaminant concentrations, temperature, volume) to ensure regulatory compliance, at minimum.
	X	X	2.3.1.7 (Water Quality/Water Monitoring)	A RTWQ/hydrometric monitoring stations will be established to provide continuous monitoring of water availability and quality of the waterbody from which the Project will draw water. Locations and station design will be determined in consultation with NL DECC.
X			2.3.1.8 (Operations and Maintenance Building)	Solid waste (garbage and recycling) generated during maintenance activities will be collected and disposed of at an authorized facility.
X			2.3.2.6 (Laydown Areas)	Terrain disturbance will be minimized; laydown requirements on the Argentia Peninsula will utilize POA property and disturbance in the Argentia Backlands will be limited to 6 ha.
X			2.3.2.4 (Project Access Roads)	Road stream crossings will be designed for 1:100-year climate change flows to avoid waterlogging and drainage issues in the project area.
X			2.3.3 (Construction)	Wind turbine specifications will be selected based on site conditions, while also considering reliability, efficiency, curtailment capabilities, and cost.
	X		2.3.4 (Operation and Maintenance)	Routine inspections will be conducted to detect faults in the equipment, especially piping, storage facilities, and related infrastructure.
	X		2.3.4 (Operation and Maintenance)	A maintenance schedule will be developed and followed to ensure the Argentia Wind Facility is examined and maintained on a regular basis.
	X		2.3.4 (Operation and Maintenance)	Project personnel will receive regular safety training and follow safety procedures in place. This includes checking that the wind turbines are free of hazardous debris and that all electrical components are grounded correctly. Emergency procedures will be in place to address equipment failure or other unplanned events.
X			2.3.4 (Operation and Maintenance)	Surface runoff from potentially contaminated process areas will be drained into a potentially contaminated storm water pond.
X	X	X	2.3.4.2 (Effluent Discharge / Wastewater Treatment), 2.4.1.5 (Wastewater Treatment System)	Influent streams will be directed to the wastewater treatment system prior to discharge to the marine environment. Discharged effluent will not exceed limits prescribed in Schedule A of the NLR65/03.
	X		2.3.4.1 (Emissions and Energy Use)	Flares will be equipped with monitoring equipment to ensure adherence to environmental regulatory requirements.

Type			Registration Section	Commitment
Mi	Mo	F		
X	X	X	2.3.4.1 (Emissions and Energy Use)	Average sound levels will comply with limits set forth by Health Canada.
X	X	X	2.3.4.1 (Emissions and Energy Use), 3.1.1.7 (Vibration) 3.1.7 (Human Health and Quality of Life)	Wind turbines will be set back at least the greater of 600 m or 3.0 times the blade tip height of the wind turbines to minimize disturbance to sensitive areas.
X			2.3.4.1 (Emissions and Energy Use), 3.1.1.5 (Light)	Turbines in the Argentia Wind Facility will be equipped with navigation light fixtures, as necessary, to satisfy requirements of the Transport Canada Standard 621 – Obstruction Marking and Lighting (Canadian Aviation Regulations).
X	X		2.3.4.1 (Emissions and Energy Use)	The Argentia Green Fuels Facility will vent oxygen and argon into the atmosphere at a safe location, ensuring that local air quality is not affected.
X	X		2.3.4.1 (Emissions and Energy Use)	The Argentia Green Fuels Facility will be equipped with flare systems to mitigate, prevent, and disperse releases of off-gases from the ammonia production and storage areas.
		X	2.3.5 (Decommissioning and Rehabilitation)	A decommissioning and rehabilitation plan will be developed for all aspects of work in the Project Area. Rehabilitation measures will be implemented progressively as opportunities arise throughout the lifetime of the Project. The Project's decommissioning and rehabilitation activities will aim to restore the site to its original state or as close as possible. Such activities include: • Removing equipment and infrastructure when it is no longer required; • Re-grading and replacing soil in the area immediately surrounding turbine foundations; • Reclaiming access roads and removing gates; • Removing transmission lines, wood poles, steel poles and towers, and inactive conductors; • Dismantling piping, electrolyzers, water treatment systems, hydrogen handling systems, and ammonia loading infrastructure; • Purging and cleaning ammonia and water tanks prior to disassembly and removal. Removal and transport of material and equipment will follow the Waste Management Plan (Appendix N). Components will be recycled or refurbished for continued use wherever possible.
		X	2.3.5 (Decommissioning and Rehabilitation)	The Argentia Green Fuels Facility will be reclaimed with as little disturbance to shorelines and waterways as possible. Rehabilitation of any shoreline erosion and bank re-stabilization will be carried out if required. These facilities will be included in the Project decommissioning plan.
X			2.4.2.2 (Siting of Turbines and Linear Features)	The routing of surface access to the turbines will be determined by the nature of surface features: existing roads/trails, presence of wetlands, sensitive habitat (especially for Species at Risk) and natural gradients.

Type			Registration Section	Commitment
Mi	Mo	F		
		X	3.1.2.2 (Water Resources - Surface Water Resources)	Water will be used sustainably throughout the life of the Project. If it is determined that Project drawdown could cause a temporary water shortage, consumption of water affecting the PWS will be curtailed until this condition is no longer met.
		X	3.1.2.4 (Freshwater Fish and Fish Habitat)	Construction laydown areas will be sited to avoid adverse effects on the aquatic environment.
		X	3.1.2.4 (Freshwater Fish and Fish Habitat)	Waterbodies or watercourse crossings relative to the Project will be assessed prior to Project construction. Assessments will supplement those detailed in Appendix B1.
X		X	3.1.2.5 (Freshwater Fisheries)	Pre-construction surveys will be conducted should Project components cross paths with the main channel of a Scheduled Salmon River. Mitigations will be implemented to prevent adverse effects on the aquatic environment.
		X	3.1.2.14 (Marine Fish and Fish Habitat)	A drop-down camera survey will be completed to assess marine habitats associated with the marine effluent.
X		X	3.1.2.6 (Freshwater Sensitive Time Periods and Working Windows)	The following activities will be avoided during sensitive time periods: • Perturbation of trout, salmon, and eel migrations at stream crossings during spring and summer (May to September); and • Habitat alteration of salmon and trout streams, including near pond outlets and shorelines, during the spawning period (September 1 – November 30). Mitigation to create a safe fish passage plan for upstream migration shall be considered if alteration results in passage obstruction during the Salmonidae migration period.
X			3.1.3.1 (Vegetation)	The Project will adhere to provincial wetland regulations, avoiding and minimizing impacts to wetlands where practicable.
	X	X	3.1.3.3 (Fauna), 3.2.8 (Data Gaps), Appendix D4 (Mammals)	A muskrat survey will be conducted in fall 2024 as per discussions with NL WD regarding a suspected decline of this species in the region.
X			3.1.3.4 (Avifauna - Passeriformes and Piciformes (Perching Birds and Woodpeckers) and Others)	Songbird and woodpecker nests, when detected, will be buffered by a minimum of 30 m, or with larger buffers when prudent to do so.
X	X	X	3.1.3.4 (Avifauna - Accipitriformes and Strigiformes (Raptors and Owls))	Argentia Renewables will adhere to NL WD standards for owl and raptor nest setbacks.
X			3.1.3.5 (Species at Risk (SAR) and Species of	Avoidance and minimization measures will be implemented for all known SAR in the Project Area. In cases where interactions with SAR cannot be avoided, minimization measures will be

Type			Registration Section	Commitment
Mi	Mo	F		
			Conservation Concern (SCC))	incorporated, and a Permit to Engage in an Economic Activity Under Section 19 of the NL ESA, SNL 2001 C.E.-10-1 will be sought from the NL WD.
X		X	3.1.3.5 (Species at Risk (SAR) and Species of Conservation Concern (SCC))	Avoidance and minimization measures will be implemented to preclude interactions between the Project and Blue Felt Lichen. Yellow birch stands will be avoided during the planning of road routes and there will be no overlapping conflicts between yellow birch and the turbine pad locations.
X			3.1.3.5 (Species at Risk (SAR) and Species of Conservation Concern (SCC))	A setback distance of greater than 100 m will be established during all Project activities to avoid the area in which Boreal Felt Lichen was found.
X		X	3.1.3.5 (Species at Risk (SAR) and Species of Conservation Concern (SCC))	If SAR (other than those detected during baseline studies) are detected in the Project Area, mitigations for other passerine species outlined in Appendix S (EEMPs: Bat and Avian PCMP), Appendix R (EEMPs: SAR IMMP) will be implemented.
	X	X	3.1.3.5 (Species at Risk (SAR) and Species of Conservation Concern (SCC)) Appendix R (EEMPs: SAR IMMP)	Baseline surveys have confirmed the presence suitable habitat for Short-eared Owl in the Project Area. More detailed surveys will be conducted in 2024 to determine if/how this species uses the Project Area.
	X	X	3.1.3.5 (Species at Risk (SAR) and Species of Conservation Concern (SCC)), 3.2.8 (Data Gaps)	Bat detector surveys will continue in 2024 to capture the temporal window between mid-April and early November. Survey coverage includes suitable habitat and turbine sweep area. Turbine sweep area is surveyed by deploying detectors on meteorological towers.
	X	X	3.1.3.5 (Species at Risk (SAR) and Species of Conservation Concern (SCC)) 3.2.8 (Data Gaps), Appendix D7 (Insects), Appendix R (EEMPs: SAR IMMP)	The presence of yellow-banded bumble bee was confirmed in the Project Area in 2023. A yellow-banded bumble bee survey will be conducted in August 2024 to determine how this species uses the Project Area.
X			3.1.7 (Human Health and Quality of Life)	Argentia Renewables will microsite wind turbines to minimize visibility to nearby landowners to the extent practicable and reduce turbine heights (e.g., from 120 m to 99 m) where necessary.
		X	3.2.8 (Data Gaps)	Site-specific aquatic surveys for crossings P1-P6, as well as others, will be carried prior to construction.

Type			Registration Section	Commitment
Mi	Mo	F		
	X	X	3.2.8 (Data Gaps)	Rare plants and lichens surveys will continue in 2024. The rare plant survey was conducted before the definition of a corridor for the Project Interconnect Line.
X		X	4.2.1.5 and 4.2.3.5 (Mitigation Measures), Appendix R (EEMPs: SAR IMMP) Appendix S (EEMPs: Bat and Avian PCMP),	Wind turbines will be fitted with curtailment software.
X			4.2.2 (Aquatic Environment)	Stream crossing structures and additional drainage structures will be designed for 1:100-year climate change flow to avoid any waterlogging and drainage issues in the Project Area.
	X		4.2.2 (Aquatic Environment)	Develop a noise and vibration monitoring plan in consultation with FFA and local environmental non-governmental organizations.
X			4.3 (Accidents and Malfunctions)	All staff and personnel working on the Project will be trained and aware of the full suite of Project Environmental, and Occupational Health and Safety plans.
X			4.4 (Effects of the Environment on the Project)	Project infrastructure will be designed and operated to minimize risk of damage from wildfire (e.g., transmission rights-of-way will be maintained to ensure vegetation is maintained to decrease fuel load and maintain reliability, turbine pads will be maintained to avoid the accumulation of vegetation that represents fuel load in the event of wildfire).
X	X	X	4.6 (Plans and Environmental Management)	Principles of sustainable development, pollution prevention, environmental protection and enhancement, and due diligence will be followed throughout the life of the Project.
	X		4.6 (Plans and Environmental Management)	Argentia Renewables is accountable for sound environmental stewardship through continuous measurement that demonstrates performance improvement.
X	X	X	4.6.1 (Environmental Policy)	Argentia Renewables is committed to reducing its impact on the environment and incorporating sustainability into its core business operations by employing commercially reasonable measures to reduce the impact of its operations on the environment.
		X	4.6.2.1 (Roles and Responsibilities)	Employees will comply with all HSE rules and regulations, and promptly report any Health, Safety, and Environmental incidents. Employees will follow all Operational Controls. Argentia Renewables will implement and maintain the HSE Management System by providing the necessary human, material, and financial resources.
		X	4.6 (Plans and Environmental Management)	The following plans will be developed: • Business Plan / Development Plan • Project Execution Plan • Environmental Protection Plan • Emergency Response/Contingency Plan • Waste Management Plan • Hazardous Materials Response and Training Plan • Transportation Impact Study and Traffic Management Plan

Type			Registration Section	Commitment
Mi	Mo	F		
				• Public Participation Plan • Workforce and Employment Plan • Environmental effects follow-up and monitoring programs (EEMPs)
		X	4.6.2.2 (Planning)	Where there is an incident or performance failure (e.g., material spill), a review will be conducted to identify lessons learned and opportunities for improvement. This review will form the basis for implementing corrective action to reduce the likelihood of future system failures.
		X	4.6.2.3 (Management Plans)	Argentia Renewables will conduct: • Routine senior reviews of the HSE Management System and individual plans to ensure continued suitability, adequacy, and effectiveness; • Internal audits to determine the degree of success in implementation of the HSE Management System, and to verify the level of performance within individual management plans; and • Annual reviews to assess corporate environmental, health and safety performance and to reconfirm their commitment to the Sustainable Development Policy.
X	X	X	5.0 (Residual Effects)	Mitigation measures and associated monitoring efforts, as required, will be implemented employed to confirm predictions and support a continuous improvement approach to environmental management. This requirement and commitment are especially applicable to interactions with Species at Risk.
		X	9.0 (Environmental Protection Plan)	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
		X	Appendix C1 (Source Water Hydrology)	Water level monitoring and adaptive water management strategies will be implemented for the Placentia PWS ponds, to ensure the protection of Placentia's PPWSA and support the Project long-term
X	X	X	Appendix D2 (Bats Baseline Study)	A robust SAR IMMP (Appendix R) will be implemented, pending NL WD approval.
	X	X	Appendix D5 (Rare Lichens Baseline Study)	Lichen SAR surveys will be conducted in areas that may interact with Project infrastructure or activity to ensure mitigation measures are implemented. Surveys will be conducted in consultation with NL WD.
		X	Appendix M (Emergency Response/Contingency Plan)	Mutual Aid Agreements will be established with local and provincial groups as the project development progresses.
			Appendix M (Emergency Response/Contingency Plan)	Incidents shall be reported immediately, without delay, by phone to the local Ministry of Labour Office and later in writing.
X		X	Appendix M (Emergency Response/Contingency Plan)	Special attention will be given to scheduling ammonia loading on days when the ferry is not in Argentia (Tues-Wed-Sun).

Type			Registration Section	Commitment
Mi	Mo	F		
			Appendix M – Argentia Renewables Emergency Response Plan	Argentia Renewables will inform Marine Atlantic of a Level III incident (i.e., one where potential public or environmental exposure is significant) and assist Marine Atlantic with making a decision to redirect the ferry to its alternative port or evacuate passengers at the ferry terminal.
X			Appendix M (Emergency Response/Contingency Plan)	Argentia Renewables will identify critical areas that require fire protection and an assessment of potential fire size and duration. Argentia Renewables will determine the required fire water demand based on the risk assessment and applicable codes.
X			Appendix M (Emergency Response/Contingency Plan)	Argentia Renewables will construct a fire water storage tank based on fire water demands and will consider factors such as available space, environmental conditions, and future expansion needs.
X		X	Appendix M (Emergency Response/Contingency Plan)	The project will follow established good engineering practices throughout its development, with a focus on identifying and addressing risks and hazards at each stage of design, construction, and operation.
X		X	Appendix M (Emergency Response/Contingency Plan)	Argentia Renewables will train employees and emergency responders for each facility and shift, following legislative requirements, and industry best practices.
X		X	Appendix M (Emergency Response/Contingency Plan)	Argentia Renewables will maintain in good condition spill response caches that are accessible within fifteen (15) minutes travel of all work faces and within the immediate vicinity of fuel/hazardous materials storage areas.
X		X	Appendix M (Emergency Response/Contingency Plan)	Work will be carried out according to applicable provisions and/or requirements of the Fire Prevention Act, National Fire Code, and Section 443 of the NL OHS regulations.
		X	Appendix M (Emergency Response/Contingency Plan)	Evacuation areas will be designed specifically to account for wind dispersion of any potential ammonia vapor release. These points will be clearly defined by blue three-sided signs with white lettering.
X	X	X	Appendix M (Emergency Response/Contingency Plan)	Ultraviolet (UV) or infrared (IR) flame detectors will be installed in areas where hydrogen is produced and stored.
X		X	Appendix M (Emergency Response/Contingency Plan)	Argentia Renewables will establish emergency shut-down procedures for a hydrogen gas fire in the processing plant to ensure the safety of personnel, equipment, and the surrounding environment.
		X	Appendix M (Emergency Response/Contingency Plan)	Argentia Renewables will establish and clearly document the emergency shutdown procedures for hydrogen-related processes including specific steps to shut down equipment, valves, and processes associated with hydrogen.
			Appendix M (Emergency Response/Contingency Plan)	Each year Argentia Renewables will provide the local fire departments with the scale map of the facility, location of suitable staging areas, drainage patterns and sewer or tile inlet location, nurse tank parking areas, ammonia storage tank and line shut off valves, other hazards, location of utility emergency shut offs, telephone numbers of facility operators, location(s) of material safety data sheets (SDS) for ALL hazardous chemicals stored, and on site location of facility emergency response plan(s).
		X	Appendix M (Emergency Response/Contingency Plan)	If a significant ammonia leak happens and analysis indicates that an ammonia cloud could potentially reach nearby businesses or communities, all potentially affected parties will be notified about the prevailing situation and advised on necessary actions to be taken.

Type			Registration Section	Commitment
Mi	Mo	F		
X		X	Appendix M (Emergency Response/Contingency Plan)	If a spill of fuels, oils, lubricants, or other harmful substances occurs during the construction / operation of the project, spill response procedures will be implemented to ensure that the spill is contained as close as possible from the component system to eliminate hazardous materials entering the environment.
X		X	Appendix M (Emergency Response/Contingency Plan)	All tank capacities will meet NFPA 22 Standard for Water Tanks for Private Fire Protection requirements and address the need to deal with an ammonia release.
			Appendix M (Emergency Response/Contingency Plan)	In the event that there is a loss of water supply, the plant will have to be shut down, isolated, and purged. The cause of the loss of water will have to be identified and the plant will remain shut-down until the cause of the failure is identified and corrected.
X		X	Appendix M (Emergency Response/Contingency Plan)	Argentia Renewables will supply any specialized equipment or training required by the Placentia Fire Department for Ammonia site operations. Regular site visits will be arranged for members of the Placentia Fire Department to familiarize themselves with the site layout and emergency protocols.
X		X	Appendix M (Emergency Response/Contingency Plan)	Argentia Renewables will establish a Liaison Committee that will involve local stakeholders (communities, businesses, emergency services, schools, health care facilities etc.). The purpose of this committee will be to streamline communication strategies for ensuring the safety and well-being of area residents and businesses during emergencies.
X		X	Appendix M (Emergency Response/Contingency Plan)	Argentia Renewables will conduct regular public awareness campaigns to educate the community about emergency procedures, communication channels, and the importance of staying informed. Argentia Renewables will also establish a feedback mechanism to gather input from the community and industry stakeholders.
		X	Appendix M (Emergency Response/Contingency Plan), Appendix N (Waste Management Plan)	Hazardous wastes, including those from accidental spills, will be stored in designated areas or storage facilities that are appropriately designed for the materials stored. A designated Project site hazardous waste storage area will have secondary containment and be collected in appropriate leakproof containers until they are removed from site to a licensed offsite facility for regular disposal. This area will be marked with appropriate signage and fencing to control access
X		X	Appendix M (Emergency Response/Contingency Plan), Appendix O (Hazardous Materials Response and Training Plan)	A proficient emergency response team (i.e., 3 firefighters, at minimum, and one fire officer per shift) will be on standby round the clock to address site emergencies including medical incidents, fires, and emergency releases. All members of the ERT will be trained in the following areas: • Argentia Renewables Hazardous Materials Training Plan • Fire Training • Spill Response Training • Ammonia / Hydrogen emergencies • Wind turbine emergencies
		X	Appendix N (Waste Management Plan)	Argentia Renewables seeks to achieve and maintain a high degree of control over the collection, storage, transportation, and disposal of waste to minimize adverse environmental effects while ensuring compliance with all applicable acts, regulations and standards.

Type			Registration Section	Commitment
Mi	Mo	F		
X		X	Appendix N (Waste Management Plan)	Argentia Renewables is dedicated to engaging with key stakeholders and the public on the WMP to ensure that expectations and regulations are being met.
X			Appendix N (Waste Management Plan)	Argentia Renewables is committed to hiring local contractors and companies to assist with the transportation of materials to appropriate facilities for disposal.
X		X	Appendix N (Waste Management Plan)	The Project will involve the transport of recyclable materials to a larger recycling facility. Non-hazardous waste streams will be temporarily stored in designated laydown areas on the Project site and will be progressively removed to the local landfill or recycling facility for final disposal.
X		X	Appendix N (Waste Management Plan)	All food waste will be collected and disposed of in an odour-proof, enclosed, secure, and covered collection bin to minimize the attraction of wildlife. Gathering and transporting these wastes will be the responsibility of Argentia Renewables or its representative. Littering around the site will be strictly prohibited and enforced.
X		X	Appendix N (Waste Management Plan)	Waste metal will be stockpiled on-site and then transported to the appropriate waste facility.
X		X	Appendix N (Waste Management Plan)	Larger pieces of lumber will be stored in a laydown area for potential reuse. Site personnel will be informed to reuse this lumber material as much as possible or wherever feasible.
		X	Appendix N (Waste Management Plan)	A province-wide Certificate of Approval for the Transportation of waste Dangerous Goods/Hazardous Waste will be obtained for hazardous waste transportation if necessary.
		X	Appendix N (Waste Management Plan)	Petroleum wastes will be segregated as necessary to render individual waste streams easier to reuse for other purposes, recycle, or permit recovery of any by-products. Special precautions will be exercised when petroleum wastes to avoid improper release or disposal.
		X	Appendix N (Waste Management Plan)	Personnel handling wastes will be required to have specific training and utilize PPE to ensure safe handling and disposal.
X		X	Appendix N (Waste Management Plan)	Any hazardous materials stored in drums will have proper labelling (Safety Data Sheets available where applicable). All drums will be clearly labelled indicating their contents.
		X	Appendix O (Hazardous Materials Response and Training Plan)	The Hazardous Materials Response Team will adhere to guidelines in the Hazardous Material Training Plan.
X		X	Appendix O (Hazardous Materials Response and Training Plan)	Before starting work on any Argentia Renewable site, all employees, subcontractors and visitors must receive a safety orientation, including environmental aspects, using the Pattern OMS 300 Site Orientation guideline.
		X	Appendix P (Public Participation Plan)	Argentia Renewables is committed to engaging the public in a culturally sensitive manner, recognizing the distinctness and diversity of different communities. Implementing the above engagement strategy will involve: • Applying customized engagement and communication tools that are effective for each audience. • Encouraging stakeholders to participate actively in the Project approval process.

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				• Establishing a brand for the Project that generates pride for local stakeholders in having their community host the Project.
				• Delivering community benefits that meet at least one of the following objectives:
				  ○ Produce local and regional economic benefits;
				  ○ Advance community initiatives;
				  ○ Enhance ecological preservation, restoration, and education;
				  ○ Foster health and wellness;
				  ○ Promote the needs of youth; and
				  ○ Support cultural awareness.

		X	Appendix R (EEMPs: SAR IMMP)	A data query to the Atlantic Canada Conservation Data Centre (ACCDC) produced one record of Harlequin Duck from 1947, and it is likely this species occasionally uses Placentia Bay in the winter, but it would be unlikely to interact with the Project. If new information dictates otherwise, Harlequin Duck will be reconsidered for inclusion into this SAR IMMP
		X	Appendix R (EEMPs: SAR IMMP)	While baseline surveys did not confirm the presence of Rusty Blackbird in the Project Area, suitable habitat was observed. As such, Rusty Blackbird will continue to be sought during surveys as part of the avifauna monitoring program.
X			Appendix R (EEMPs: SAR IMMP)	The Project layout will undergo micro-siting adjustments before construction to avoid and minimize effects on wetlands in the Project Area.
	X	X	Appendix R (EEMPs: SAR IMMP)	SAR monitoring surveys will be conducted during Project Construction. Surveys will supplement previously completed baseline surveys and help address remaining data gaps and/or maintain data continuity prior to Project Operation. Survey details follow. • Avifauna spring and fall migratory, breeding, and winter surveys will continue throughout the pre-construction period. During spring construction activities, nest surveys will be conducted within 24 hours of site clearing to prevent incidental mortality of nesting birds. • Acoustic monitoring of bat SAR will continue to assess the presence, establish numbers, and habitat use, inform the development of additional mitigation measures and adaptive management plans.
	X	X	Appendix R (EEMPs: SAR IMMP) Appendix S (EEMPs: Bat and Avian PCMP)	The following post-construction activities will be completed: • Avifauna Surveys; • Bat Acoustic and/or Thermal Camera Surveys; • Standardized Fatality Searches; • Searcher Efficiency Trials; and • Carcass Persistence Trials.
X			Appendix R (EEMPs: SAR IMMP)	The Project will avoid and/or minimize direct and indirect impacts to wildlife, including SAR, which may occur during Project construction or operation.

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X			Appendix R (EEMPs: SAR IMMP)	Bird flight diverters will be installed in areas of relatively high risk of collision prior to and/or during construction of the Project.
X			Appendix R (EEMPs: SAR IMMP)	A wildlife-friendly Project lighting plan will be implemented. Key lighting commitments include: • Minimize pilot warning and obstruction lighting on all tall structures as feasible; • Utilize flashing warning lights that turn off completely between flashes; • Install the fewest number of site-illuminating lights feasible in the Project Area; and • Use only flashing lights at night at the lowest intensity and fewest number of flashes per minute as required by Transport Canada.
X	X		Appendix R (EEMPs: SAR IMMP)	Prior to clearing areas with habitat suitable for rare lichen species, surveys will be conducted to identify any thalli existing within the habitats connected to the proposed infrastructure. Consultations with NL WD will determine the course of action.
X	X		Appendix R (EEMPs: SAR IMMP)	Buffer areas will be created where possible around any environmentally sensitive areas, such as areas identified by the baseline survey (i.e., yellow birch stands for blue felt lichen) Water pygmyweed locations will be buffered by a radius determined by consultations with NL WD.
X			Appendix R (EEMPs: SAR IMMP)	The Project Area will be kept clean and free from leftover foods that attract birds and other wildlife.
X			Appendix R (EEMPs: SAR IMMP)	Argentia Renewables will refrain from using herbicides on the regrowth of the understory along the transmission lines or any other cleared area.
X			Appendix R (EEMPs: SAR IMMP)	Scheduling disturbance-causing activities, such as vegetation clearing, will be minimized during the regional avian nesting period of approximately April through August, to the extent practicable. Avian nest surveys will be conducted if vegetation clearing occurs during the regional avian nesting period to avoid and/or minimize incidental take of birds, nests, and eggs. An active nest is defined by the presence of eggs or nest-dependent eggs (Government of Canada 2019). If an active nest is discovered, the following steps will be taken immediately: • Halt all disruptive activities in the nesting area; • Move construction equipment and personnel away as quickly and quietly as possible and avoid disturbing the surrounding vegetation or making a trail to and from the nest; • Protect the nest with a vegetated buffer zone; • Establish a setback distance for activities; and • Maintain mitigation measures and avoid the immediate area until the young have naturally left the vicinity of the nest.
X			Appendix R (EEMPs: SAR IMMP)	Turbine blades will be curtailed below a cut-in speed of 3.5 m/s during the autumnal bat migration period.
X			Appendix R (EEMPs: SAR IMMP)	Turbines will be curtailed during Year One at wind speeds below 6 m/s from dusk to dawn, when ambient air temperatures are above 6ºC, between July 1 and September 30.

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X			Appendix R (EEMPs: SAR IMMP)	Preventative mitigative measures will be implemented to ensure bats do not occupy buildings.
X			Appendix R (EEMPs: SAR IMMP)	Disturbances, habitat degradation, fires, and many other factors can affect SAR of the area. The following measures will be implemented during routine maintenance throughout Project Operation: • Areas of undisturbed habitats will be avoided during maintenance; and • The turbine site will be revegetated with native plants, where practicable.
	X		Appendix R (EEMPs: SAR IMMP)	An annual IMMP report will be generated for each year IMMP activities are conducted in the Project Area. Annual reports will be submitted to NL WD and made available to the Qalipu First Nation and Miawpukek First Nation, as needed.
	X		Appendix R (EEMPs: SAR IMMP)	Should SAR carcasses be discovered during IMMP activities or incidentally in the Project Area, NL WD and other government agencies, as appropriate, will be notified within 48 hours of discovery and confirmation.
	X		Appendix S (EEMPs: Bat and Avian PCMP)	The following will be communicated to the NL WD: • Annual fatality counts and adjusted fatality estimates; • Proposed adaptive management; and • Draft PCMP updates for consultation and approval.
	X	X	Appendix S (EEMPs: Bat and Avian PCMP)	Project personnel will be required to complete wildlife awareness training. Where applicable, personnel will have a full understanding of the PCMP and how to respond and implement the PCMP as it pertains to their activities in the Project Area.
	X	X	Appendix S (EEMPs: Bat and Avian PCMP)	Post-construction monitoring (PCM) activities will be completed for at least the first year of Project operation (i.e., Year One). Following the completion of Year One PCM activities and consultation with NL WD, additional PCM activities may be requested.