



## Jordan Cove Project: **Commitment to Safety**

### **Pembina's Industry Leading Safety Commitment**

Pembina has an industry-recognized commitment to safety. For over 60 years, Pembina has provided safe and reliable pipeline and energy infrastructure services to the oil and gas industry. We're proud of our track record and are building on that foundation of success.

Pembina is committed to achieving safety excellence through the development of stringent standards, regular safety meetings, extensive contractor screening, rigorous project inspection, review of potential hazards, and ensuring our

operations meet industry best practices.

Before beginning any new project, Pembina conducts environmental studies and impact assessments to better understand the potential impacts a proposed project may have on the soil, land, air, plants, wildlife and watersheds.

The pipeline would be equipped with advanced manual and automatic shut-off systems that would be continuously monitored using the latest proven technologies and communication systems.

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### **Jordan Cove Safety**

Throughout development, construction and operation, safety will remain a top priority for the Jordan Cove Project.

The Project has been designed to meet stringent industry safety standards, codes and regulations. All safety design specifications and construction standards will be reviewed and certified by the appropriate local, state and federal regulating agencies to ensure compliance.

Several additional site and project-specific safeguards, protection and mitigation measures, including advanced technologies and automatic emergency detection and shut-down systems, have been incorporated to ensure safe and secure operations and protection of the community, employees and the

environment.

The LNG terminal will include an advanced notification system, with alarms, sirens, and well-identified egress pathways in the unlikely case of an incident.

The Coos County Sheriff's office will move its main or back-up 911 call center to the Jordan Cove terminal site because the facility is designed to withstand even the most severe earthquakes.

The Terminal will be designed to resist earthquakes up to a magnitude of 9.3.

Two LNG facilities in Oregon – in Portland and Newport – have operated safely and without incident for a combined 110 years.

### **Emergency Response Processes**



Pembina places a strong focus on emergency preparedness. We train and enable our employees to respond rapidly and safely to incidents in ways that minimize the impact to the environment and limit service interruptions for our customers.

Pembina regularly trains for a variety of emergency situations. We engage local First Responders in our exercises to educate them about our operations. We would continue that practice on this Project.

Corporate and site-specific Emergency Response Plans (ERPs) are maintained for all Pembina facilities, this proposed Project included, setting out specific procedures and responsibilities to ensure an incident is responded to safely and effectively.



## Safety of Natural Gas Handling Systems and Storage

Pembina's priority is the safety of people and the environment and we would only move forward with the Project once we confirm it can be designed and operated safely.

Safety monitoring systems would include fire and gas detectors in strategic areas of the facility which are located both indoors and outdoors. In the event of an incident, alarms would alert operations personnel of potential hazards. Automated valves may also be activated to isolate areas of the compressor station and minimize any potential consequence of an incident.

Emergency shutdown systems are both automatic and manually activated. They are designed to prevent or minimize unsafe operating conditions.

The fire protection system would consist of water deluge for specific areas of the terminal including the rail unloading rack, pump buildings, propane bullets, and spheres. The water for the fire system will come from a storage tank that would supply an ample amount of water required for a fire event.

## Contact us

Jordan Cove Project values our connection with the community and all stakeholders.

If you have questions or need additional information, wish to arrange an interview, obtain a response, or comment on active stories, please contact us 24/7 at:

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