

## Desan Pipeline Emergency Management Program

ISH Energy Ltd. (ISH) priority is to protect the health and safety and provide a safe workplace for all employees and contractors working at the ISH offices and facilities in order to prevent any injury or illness, to protect ISH assets, and to protect the environment, the public, and the communities in which ISH operates. ISH is fully committed and has the ability and resources to properly prepare and respond to any incident or emergency that may occur on its Desan Pipeline.

ISH's goal is to have zero safety incidents at its offices and facilities. Being prepared and having an Emergency Management Program (EMP) reinforces ISH's commitment to ensuring the safety of the communities we operate in. In the event of an emergency, ISH's goal to respond in a timely and effective manner to ensure any potential negative effects on people, workers, the environment, and/or ISH's assets are minimized. ISH's EMP is subject to continual improvement and review and strives to align with the requirements as outlined with in the NEB Onshore Pipeline Regulation, the NEB Act, and, when applicable, CSA Z662 and Z731. The subject EMP is also integrated with ISH's Consolidated Management Program, Pipeline Integrity Management Program, Training Program, Safety Management Program, Security Management Program, Damage Prevention Program, and Environmental Protection Program.

ISH's NEB regulated Desan Pipeline is located in an extreme remote area where it is very difficult for the public to gain access to it and there is no public residing in the area. Pipeline markers provide important safety information such as the type of product carried and ISH's emergency contact information. The subject pipeline is a crude oil sales pipeline with 0.0mol/kmol H<sub>2</sub>S and low vapour pressure.

The Desan Pipeline Emergency Procedures Manual – which makes up part of the overall EMP – is available for viewing on [ISH's website](#)<sup>1</sup>. The primary purpose of the subject Manual is to outline required responses to an emergency situation where it is likely to impact employees, the public, and the environment. All ISH personnel have the responsibility and authority to activate these emergency procedures as it pertains to the Desan Pipeline protocols.

### Incident Preparation

It is important for everyone to understand their role in an emergency situation. ISH worked with area stakeholders and regulatory bodies when developing emergency procedures which ensures ISH has the necessary process, equipment, and personnel in the event of an emergency.

In addition, a residual risk assessment has been conducted for the Desan Pipeline to identify all of the hazards and potential emergencies arising from human activity, technological events, or natural peril in an "all hazards" approach. Mitigations and safeguards have been identified and are in place for each hazard and any potential effects arising from an emergency.

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<sup>1</sup> Some sensitive information (i.e. personal names, contact information, security information) has been removed from the EMP. A description of the information removed has been provided within the posted document.

Furthermore, as part of the Emergency Management Program exercises – such as drills, table tops, and functional and/or full scale exercises – are conducted annually. These exercises allow ISH personnel, external agencies, and area stakeholders to practice the skills and communication protocols required in the unlikely event of a serious incident involving the Desan Pipeline. If members of the public feel that they would like to be engaged further in the emergency response planning process, please contact [ISH's Head Office](#) for further details on how to be included.

Emergency equipment – including booms, mats, and storage tanks – are stored strategically and inspected annually to ensure none of the equipment is missing or deteriorated and is replaced when required.

### **Incident Management**

If there is a sign of any potential issues on the Desan Pipeline the flow of product can be stopped by contacting the Desan Control Room. In the event that any member of the general public notices an issue, incident, or emergency on or near the Desan Pipeline right-of-way, please immediately call the **24 Hours Emergency Phone Number at 1-844-851-9568**.

ISH maintains a list of ISH representatives, key contractors/individuals, federal and provincial regulatory agencies, first responders, local area stakeholders (including affected Indigenous communities and local municipalities), and primary resources. The list is broadly distributed across the organization, updated frequently, and is used as soon an accident or incident is found and the Desan Pipeline Emergency Procedures Manual is activated.

When responding to an incident, ISH uses the standardized, proven Incident Command System (ICS) approach to command, control, and coordinate an emergency. The ICS is designed to assist in logical command and control of an incident. Each incident will be reviewed and the appropriate level of response will be implemented. When appropriate, throughout a major incident response, ISH will provide critical information to ensure public protection through the appropriate agencies.

### **Clean-up and Remediation**

In the unlikely event of a failure of the Desan Pipeline ISH will strive to restore the environment to the pre-disturbance condition through timely remediation and restoration.