

Risk assessment: Responsibility/review/ w/confirmation: Participants Date:	Work on the beach due to launch and land acquisition of the pipeline		Project personal protective equipment:	Keep in mind when risk assessing that known causes of accidents are: Changes (Pause and reassess conditions) Communication (Ensure that communication is two-way and take time for communication and instructions). Inadequate training (Organized training. Ensure workers are competent for the job and have qualifications before working independently). Lack of concentration (Good night sleep. Balance between work and family life. Awareness of one's own limits and wellbeing) Description (Utilize daylight. Ensure adequate electric lighting. Use portable work lights and headlamps as needed) Further measures requiring processing within Verkis are recorded in a request to the relevant responsible/resolution party Updates are recorded in the change history	Project number:	 NSL4 Neðansjávar vatnslögn									
	Enter all these parties: Heimir Þór/Hlín Vala/Eyþór Sigurðsson		Personal protective equipment: Helmet, safety goggles, high-visibility clothing, safety shoes and other equipment as appropriate												
	Þjótandi/Brinks, Veitur í Skansfjöru		As needed: Face shield, gloves, hearing protection, oxygen meter...												
	13.7.2026		Be aware of: Fire hazard - escape routes - fire extinguisher- first aid equipment on site												
WORK PHASE	HAZARD	EVENT	CAUSES	ACTIONS/MEASURES	LIKELIHOOD	CONSEQUENCES	RISK LEVEL	FURTHER ACTIONS	LIKELIHOOD	CONSEQUENCES	RESSESSED RISK LEVEL	RESPONSIBILITY	No. in A4 summary	Running no.	
To and from work site or into harbor area	Collision	Worker is involved in a traffic accident	– Weather conditions – Speeding – Vehicle failure – Talking on mobile phone	– Drive according to conditions, wear seatbelt – Obey traffic rules and rules in harbor area. – Preventive maintenance of vehicles. – Do not use vehicles with unsafe/poor safety equipment. – Use of mobile phone without hands-free device is prohibited while driving. – Request that a harbor employee drive with Verkis workers in the harbor area if deemed necessary (for safety reasons).	D - Likely/occurs fairly often	4 - Serious	Risk Level IV - Critical	Speed enforcement? Mandatory reporting of speeding tickets? Monitoring of license. Prevention and education. Seat belt obligation. Sleep and driving.	B - Unlikely/minimal	4 - Serious	Risk Level III - High		1	1	
Standing/working on the beach near the waterpipe when it is pulled ashore	Fall/Collapse	Worker falls close to the line in a draw	– Worker loses balance – Worker trips over tools/materials/uneven surface/ice	– Check whether a drone can be used for the work. – Maintain good distance from waterline. – Wear a life jacket. – Keep work area clean and remove foreign objects if possible. – Follow safety rules of the area.	B - Unlikely/minimal	4 - Serious	Risk Level III - High	Ensure a good overview for the machinery operator. Remove all cables so that they do not lie directly on footpaths. Ensure lighting of the work area if the work is delayed until the autumn.	A - Negligible	4 - Serious	Risk Level III - High		2	2	
Fall into the sea	Fall/Collapse	Worker falls into the sea	– Worker loses balance – Falls overboard from ship or raft	– Maintain good distance from divers in the sea. – Wear a life jacket.	B - Unlikely/minimal	4 - Serious	Risk Level III - High	Ensure a good overview of the buoy, oother boats and the pipeline.	A - Negligible	4 - Serious	Risk Level III - High		2	3	
Proximity to machinery (excavator, trucks, bulldoser, vehicles)	Collision	Worker is struck by a work machine or part of a work machine	– Employee within hazard zone	– Maintain good distance, stay outside danger zone, consider swing radius of machinery. – Make eye contact with machinery operator if entering danger zone.	B - Unlikely/minimal	4 - Serious	Risk Level III - High	Employees are familiar with the safety rules of the workplace.	A - Negligible	4 - Serious	Risk Level III - High		3	5	
Forklift traffic	Fall/Collapse	Worker is struck by goods from forklift	Worker too close to forklift	– Pedestrian workers be vigilant, use marked walkways if available. – Make eye contact with forklift driver if entering forklift work area.	B - Unlikely/minimal	4 - Serious	Risk Level III - High	Employees are familiar with the safety rules of the workplace.	A - Negligible	4 - Serious	Risk Level III - High		4	6	
Lifting	Fall/Collapse	Worker is struck by a load during lifting	– Worker stands within danger zone – Sling or other lifting equipment fails – Block or wire fails – Misunderstanding in communication – Too much wind / poor weather conditions	– Stand outside danger zone. Follow safety markings. – Point out demarcation and marking of work area	B - Unlikely/minimal	4 - Serious	Risk Level III - High	– Maintain good distance, stay outside danger zone, consider swing radius of machinery. – Make eye contact with machinery operator if entering danger zone. - If the engine operator does not see the workers following him, he stops. - Communication should be clear and concise. - One person who has an overview and if everything is not okay, he stops the work.	A - Negligible	4 - Serious	Risk Level III - High		4	7	
General	Fall/Collapse	Worker falls on level ground	– Worker loses balance – Worker trips over tools/materials/uneven surface/ice/wet conditions	– Use safe walkways around the work area. – Encourage cleaning of work area. – Consider weather changes (ice, snow, rain) and use appropriate footwear.	C - Possible	2 - Minor	Risk Level II - Medium	Remove all cables so that they do not lie directly on footpaths. Ensure lighting of the work area if the work is delayed until the autumn.	B - Unlikely/minimal	2 - Minor	Risk Level I - Low		8	11	
Incorrect working posturescrouching, bending	Improper Posture	Worker experiences strain symptoms and/or ill health.	– Lifting heavy loads) – Work that can cause physical strain (crouching, bending)	– Correct body posture at work – Use appropriate PPE (knee pads, other) – Limit work in such conditions – Stand up periodically	C - Possible	2 - Minor	Risk Level II - Medium	Heavy work should be done by machines.	B - Unlikely/minimal	2 - Minor	Risk Level I - Low		9	12	
General	Heat/Cold	Worker experiences cold stress	– Extreme cold, strong wind chill and/or wet conditions	– Assess necessity of working in extreme cold. – Limit exposure in danger zone. – Work clothing that insulates well and wicks moisture in multiple layers (wool/fleece). – Spacious footwear and wool socks. – Appropriate PPE. – Hot drinks. – Consider combined effects when cold, wind chill and wet conditions are present.	C - Possible	2 - Minor	Risk Level II - Medium	Employees' work clothing should be planned according to the weather forecast.	B - Unlikely/minimal	2 - Minor	Risk Level I - Low		10	13	
NSL4 is pulled ashore on Skarðsfjara.	Other pipes will be damaged.	During the land acquisition of the pipeline, damage will occur to the 33.000 watt line, NSL3 and/or the fiber optic cable that runs next to NSL 3.	Weather conditions have worsened. The project plan was not followed during the land acquisition of the pipeline.	If the weather gets worse, extreme caution must be exercised. Work plans need to be carefully reviewed and everyone involved in the work needs to be aware of the risks involved.	C - Possible	3 - Significant	Risk Level III - High	Only experienced workers will work on the land acquisition of the pipeline.	B - Unlikely/minimal	3 - Significant	Risk Level II - Medium				
The ditch is buried near a 33,000-watt electrical cable	Dug into the cable.	The power cable is being dug into and damaged.	Incorrect coordinates	Provide the precise location of the pipes.	B - Unlikely/minimal	2 - Minor	Risk Level I - Low	The piping can be measured out before the work begins.							
Fiber-optic cable	Dug into the fiber-optic cable.	Excavator operator digs into the fiber-optic cable.	Communications with the Westman Islands are cut off.	Provide the precise location of the Fiber-optic cable.	A - Negligible	1 - Insignificant	Risk Level I - Low	The piping can be measured out before the work begins.							
NSL3	Dug into NSL3.	Excavator operator digs into the NSL3 the water supply to Westmann island.	The Westman Islands will run out of water	Provide he precise location og the NSL3.	A - Negligible	2 - Minor	Risk Level I - Low	NSL3 can be measured out before the work begins.							
Communication	Communication os interrupted	There is no communication between project participants	Communication equipment failure	All equipment is inspected and tested before the project begins.	A - Negligible	2 - Minor	Risk Level I - Low	Backup equipment is available.							