

Corrib Onshore Pipeline

DRAFT Evaluation of Alternative Pipeline Routes (Landfall to Gas Processing Terminal) - Sheet 4

Screened Criteria (Excluding non differential Criteria)

21st December, 2007

	Not relevant at this stage or covered elsewhere	Preferred	Constraints			
	Environmental Constraint on this Route (Priority Habitat)	1	3	4	5	Rosspoint
Technical Criteria	Route A	Route A1	Route B	Route C	Route C1	APPROVED ROUTE
Length of Pipeline - downstream of landfall valve	10.6km	10.31km	8.3km	8.2km	8.64km	8.9Km
Risk of Construction Difficulties	High. Mainly land based including construction in deep bog with bog pools. Two short water course crossings.	Low. Mainly land based including construction in bog. Two short water course crossings.	Medium. One relatively long crossing of Bay. Section traversing bay technically challenging	Medium/High. Long section traversing bay technically challenging	Medium. Mainly land based including construction in bog. One relatively long crossing of Bay. Section traversing bay technically challenging.	Low. Mainly land based. Two short water course crossings.
Complexity of construction methodology	Low. Generally conventional construction with short crossings of Sruwaddacon Bay and rivers.	Low. Generally conventional construction with short crossings of Sruwaddacon Bay and rivers.	Medium. Specialist (trenchless option) crossing of Sruwaddacon Bay (approximately 1km).	High. Specialist (trenchless option) long crossing of Sruwaddacon Bay (approximately 4km).	Medium. Specialist (trenchless option) crossing of Sruwaddacon Bay (approximately 1km).	Low. Generally conventional construction with short crossings of Sruwaddacon Bay and rivers.
Distance from dwellings (over entire onshore pipeline)	74m. One dwelling must be acquired to achieve >100m separation distance on this route. This dwelling is currently 74m from pipeline route. Dwelling to east is >100m from pipeline route.	74m. One dwelling must be acquired to achieve >100m separation distance on this route. This dwelling is currently 74m from pipeline route. Dwelling to east is >100m from pipeline route.	>100m	>100m	74m. One dwelling must be acquired to achieve >100m separation distance on this route. This dwelling is currently 74m from pipeline route.	70m
Impact on development potential	Low	Low	Low	Minimal	Low	Low
Temporary impacts on land use	Low	Low	Low to medium.	Low	Low	Low
Permanent Impacts on land use	Low/Medium. Turbery rights affected.	Low/Medium. Turbery rights affected.	Low	Minimal	Low/Medium.	Low/Medium. Turbery rights affected close to roadside.
Level of landowner agreement with corridor / Route (excluding commonage shareholders)	Substantial agreement expected. Possible CAO requirement.	Substantial agreement expected. Possible CAO requirement.	Documented objection.	All landowners agreed previously on sections of consented route. Possible CAO requirement. This corridor may not require any new landowner consent.	Substantial agreement expected. Possible CAO requirement.	Documented & Unresolved Landowner Opposition.
Agreement from Commonage Shareholders	Unknown. Probability of objection from some share holders.	Unknown. Probability of objection from some share holders.	No commonage	No commonage	Unknown. Probability of objection from some share holders.	Unknown. Probability of objection from some share holders.
Number of commonage shares involved directly	High	High	None	None	High	High
Level of compliance with recommendations of Cassells Report	Meets expectations on increased proximity to housing.	Meets expectations on increased proximity to housing.	Meets expectations on increased proximity to housing but involves another community.	Generally exceeds expectations on increased proximity to housing.	Meets expectations on increased proximity to housing.	N/A
Annex I Priority Habitat (within SAC)	Intact Blanket Bog (approximately 1km)	Intact Blanket Bog (400m at edge)	None	None	Intact Blanket Bog (200m at edge)	None
Predicted Adverse Impact on Integrity of the SAC & SPA/Ramsar	Low/Medium	Low	Low	Low/Medium	Low	Low
Potential to impact on Protected Fauna	Low. Salmonids; Lamprey, SPA overwintering & resident bird species, sand martin colony, otters; protected plant species; heronry, corncrake	Low. Salmonids; Lamprey, SPA overwintering & resident bird species, sand martin colony, otters; protected plant species; heronry, corncrake	Low. Salmonids; Lamprey, SPA overwintering & resident bird species, sand martin colony, otters; protected plant species; heronry, corncrake	Medium. Salmonids; Lamprey, SPA overwintering & resident bird species, sand martin colony, otters; protected plant species; corncrake	Low. Salmonids; Lamprey, SPA overwintering & resident bird species, sand martin colony, otters; protected plant species; corncrake	Low. Salmonids; Lamprey, SPA overwintering & resident bird species, sand martin colony, otters; protected plant species; corncrake
Predicted adverse impact on the integrity of the site. (SAC)	Slight to Moderate (SAC 500 Glenamoy Bog Complex)	Slight (SAC 500 Glenamoy Bog Complex)	Potential (SAC 476 Carrowmore Lake Complex) - in event of run off into Lake via Aghoos River	Slight to Moderate (SAC 500 Glenamoy Bog Complex)	Slight (SAC 500 Glenamoy Bog Complex)	Slight (SAC 500 Glenamoy Bog Complex)
Potential to impact on Protected Flora	Slight to Moderate (Blanket bog species)	Slight (Blanket bog species)	None expected	None expected	Slight	Slight
Risk of delay to project due to lengthy statutory process	High	Low/Medium	Medium	High	Medium	N/A
Impact on Project Programme (Construction phase, excluding third party interference)	Medium	Low/Medium	Medium	High. Potential delays due to slow construction and seasonal constraints.	Medium	Low/Medium
Additional Capital costs	Low/Medium	Low	Medium	High	Medium	N/A

Notes:

Route Evaluation is an ongoing process. Comments and colours on this spreadsheet may change as routes are further defined.