

**Corrib Onshore Pipeline
Detailed Environmental Criteria - Sheet 2**

| Environmental Criteria* | Route A | Route A1 | Route B | Route C | CORRIDOR D | CORRIDOR E | CORRIDOR F | CORRIDOR G | CORRIDOR H | Route C1 | APPROVED ROUTE |
|--|---|---|---|---|---|---|---|---|---|---|---|
| 11 | | | | | | | | | | | |
| Impacts on Habitats and Wildlife | | | | | | | | | | | |
| Annex I Habitats (within SAC) | Atlantic salt meadows (Saltmarsh), Blanket Bog and Depressions on peat (Rhynchosporion), Estuaries & sandflats not covered by seawater at low-tide. | Atlantic salt meadows (Saltmarsh), Blanket Bog and Depressions on peat (Rhynchosporion), Estuaries & sandflats not covered by seawater at low-tide. | Atlantic salt meadows (Saltmarsh), Estuaries & sandflats not covered by seawater at low-tide. | Atlantic salt meadows (Saltmarsh), Estuaries & sandflats not covered by seawater at low-tide. | Machair, Fixed (grey) dunes, Blanket Bog and Depressions on peat (Rhynchosporion) | Blanket Bog and Depressions on peat (Rhynchosporion) | Embryonic shifting dunes, Fixed dunes(?) | Atlantic salt meadows (Saltmarsh), Blanket Bog and Depressions on peat (Rhynchosporion), Estuaries & sandflats not covered by seawater at low-tide. | Machair, Fixed (grey) dunes, Atlantic salt meadows (Saltmarsh), Blanket Bog and Depressions on peat (Rhynchosporion), Estuaries & sandflats not covered by seawater at low-tide. | Atlantic salt meadows (Saltmarsh), Blanket Bog and Depressions on peat (Rhynchosporion), Estuaries & sandflats not covered by seawater at low-tide. | Atlantic salt meadows (Saltmarsh), Blanket Bog and Depressions on peat (Rhynchosporion), Estuaries & sandflats not covered by seawater at low-tide. |
| Annex I *Priority Habitat (within designated areas) | *Intact Blanket Bog (c.1km) | *Intact Blanket Bog (c. 950m) | None | None | *Machair and *Fixed dunes, *Intact Blanket Bog (NHA) | *Intact Blanket Bog (NHA) | *Intact Blanket Bog | *Intact Blanket Bog (more than 4km) | *Machair and *Fixed (grey) dunes | *Intact Blanket Bog (c. 150m) | *Intact blanket bog (c. 500m) |
| Annex I Habitats present in non-designated area | Intact blanket bog | Intact blanket bog | None | Intact blanket bog | None | Intact blanket bog | Intact blanket bog | Intact blanket bog | Intact blanket bog | Intact blanket bog | Intact blanket bog |
| Predicted impacts on annex habitats in designated sites - before mitigation | Blanket bog: Moderate to Significant. Salt marsh: Moderate to Significant. Estuarine habitats and tidal watercourses: Moderate (localised) | Blanket bog: Moderate to Significant. Salt marsh: Moderate to Significant. Estuarine habitats and tidal watercourses: Moderate (localised) | Salt marsh: Moderate to Significant. Estuarine habitats and tidal watercourses: Moderate (localised) | Salt marsh: Moderate to Significant. Estuarine habitats and tidal watercourses: Moderate (localised) | Fixed dune system / Machair: Moderate to Significant. Blanket bog: Moderate to Significant. (NHA). | Blanket bog: Moderate to Significant. (NHA). | Embryonic shifting dunes and Fixed dunes(?): Moderate to Significant. Blanket bog: Moderate to Significant. | Blanket bog: Moderate to Significant. | Fixed dune / Machair system at Garter Hill: Moderate to Significant. Blanket bog: Moderate to Significant. Estuarine habitats and tidal watercourses: Moderate (localised) | Blanket bog: Moderate. Salt marsh: Moderate to Significant. Estuarine habitats and tidal watercourses: Moderate (localised) | Blanket bog: Moderate - short to medium term impact. Salt marsh: Moderate to Significant - short term. Estuarine habitats and tidal watercourses: Moderate (localised) |
| Predicted residual impacts on annex habitats in designated sites - after mitigation | Blanket bog: Moderate to Significant (pools & flushed areas) - medium term. Salt marsh: Slight - short term. Estuarine habitats and tidal watercourses: Imperceptible temporary. | Blanket bog: Moderate to Significant (pools & flushed areas) - short to medium term. Salt marsh: Slight - short term. Estuarine habitats and tidal watercourses: Imperceptible temporary.. | Salt marsh: Slight - short term. Estuarine habitats and tidal watercourses: Imperceptible temporary. | Salt marsh: Slight - short term. Estuarine habitats and tidal watercourses: Imperceptible temporary.. | Fixed dune system / Machair: Moderate to Significant - short to medium term. Blanket bog: Moderate to Significant short to medium term impact. (NHA). | Blanket bog: Moderate to Significant short to medium term impact. Carrormore lake Complex SAC and Pollatomish Bog NHA. | Embryonic shifting dunes and Fixed dunes(?): Moderate - short to medium term. Blanket bog: Moderate - short to medium term. | Blanket bog: Moderate to Significant - short to medium term impact. | Fixed dune / Machair system at Garter Hill: Moderate to Significant - medium to long term. Blanket bog: Moderate to Significant - short to medium term impact. Estuarine habitats and tidal watercourses: Imperceptible temporary. | Blanket bog: Moderate - short to medium term. Salt marsh: Slight - short term. Estuarine habitats and tidal watercourses: Imperceptible temporary. | Blanket bog: Moderate to Significant (pools & flushed areas) - short to medium term. Salt marsh: Slight - short term. Estuarine habitats and tidal watercourses: Imperceptible temporary. |
| 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 Carrormore Lake Complex) - in event of run off into Lake via Aghoos River | Slight to Moderate (SAC 500 Glenamoy Bog Complex) | Slight to Moderate (SAC 500 Glenamoy Bog Complex) | Slight to Moderate (SAC 476 Carrormore Lake Complex) - loss of GWFG feeding site | Slight (SAC 500 Glenamoy Bog Complex) | Moderate (SAC 500 Glenamoy Bog Complex) | Moderate to Significant (SAC 500 Glenamoy Bog Complex) | Slight (SAC 500 Glenamoy Bog Complex) | Slight (SAC 500 Glenamoy Bog Complex) |
| Predicted adverse impact on the integrity of the site as a whole (SPA and Ramsar site) | None | None | None | None | None | Ditto (Carrormore Lake SPA) | None | Potential | Potential | None | None |
| Predicted impact on fauna | Otter: Moderate (Annex II & IV) - short term / Neutral - long term. Grey Seal: None. Harbour Seal (Annex II & IV): None. Badger: Slight short term, neutral -long term. Bats: Imperceptible; neutral long term. Salmonids: None | Otter: Moderate (Annex II & IV) - short term / Neutral - long term. Grey Seal: None. Harbour Seal (Annex II & IV): None. Badger: Slight short term, neutral -long term. Bats: Imperceptible; neutral long term. Salmonids: None | Otter: Moderate (Annex II & IV) - short term / Neutral - long term. Grey Seal: None. Harbour Seal (Annex II & IV): None. Badger: Slight short term, neutral -long term. Bats: Imperceptible; neutral long term. Salmonids: None | Otter: Moderate (Annex II & IV) - short term / Neutral - long term. Grey Seal: None. Harbour Seal (Annex II & IV): None. Badger: Slight short term, neutral -long term. Bats: Imperceptible; neutral long term. Salmonids: None | Otter: Moderate (Annex II & IV) - short term / Neutral - long term. Grey Seal: None. Harbour Seal (Annex II & IV): None. Badger: Slight short term, neutral -long term. Bats: Imperceptible; neutral long term. Salmonids: None | Otter: Moderate (Annex II & IV) - short term / Neutral - long term. Grey Seal: None. Harbour Seal (Annex II & IV): None. Badger: Slight short term, neutral -long term. Bats: Imperceptible; neutral long term. Salmonids: None | Otter: Moderate (Annex II & IV) - short term / Neutral - long term. Grey Seal: None. Harbour Seal (Annex II & IV): None. Badger: Slight short term, neutral -long term. Bats: Imperceptible; neutral long term. Salmonids: None | Otter: Moderate (Annex II & IV) - short term / Neutral - long term. Grey Seal: None. Harbour Seal (Annex II & IV): None. Badger: Slight short term, neutral -long term. Bats: Imperceptible; neutral long term. Salmonids: None | Otter: Moderate (Annex II & IV) - short term / Neutral - long term. Grey Seal: None. Harbour Seal (Annex II & IV): None. Badger: Slight short term, neutral -long term. Bats: Imperceptible; neutral long term. Salmonids: None | Otter: Moderate (Annex II & IV) - short term / Neutral - long term. Grey Seal: None. Harbour Seal (Annex II & IV): None. Badger: Slight short term, neutral -long term. Bats: Imperceptible; neutral long term. Salmonids: None | Otter: Moderate (Annex II & IV) - short term / Neutral - long term. Grey Seal: None. Harbour Seal (Annex II & IV): None. Badger: Slight short term, neutral -long term. Bats: Imperceptible; neutral long term. Salmonids: None |
| Predicted impact on birds | Brent Geese: None expected. Sand martin colony: None expected. Potential for nesting Golden Plover (Annex I) on intact blanket bog in SAC (timing). Heronry: Slight - temporary (timing). SPA resident and overwintering species: Slight - temporary (timing). Corncrake and other Annex species (Terns etc.): no impact expected | Brent Geese: None expected. Sand martin colony: None expected. SPA resident and overwintering species: Slight - temporary (timing). Corncrake and other Annex species (Terns etc.): no impact expected | Brent Geese: None expected. Sand martin colony: None expected. SPA resident and overwintering species: Slight - temporary (timing). Corncrake and other Annex species (Terns etc.): no impact expected | Brent Geese: None expected. Sand martin colony: None expected. SPA resident and overwintering species: Slight - temporary (timing). Corncrake and other Annex species (Terns etc.): no impact expected | Brent Geese: None expected. SPA resident and overwintering species: none expected (timing). Corncrake: no impact expected | Overwintering Greenland White-fronted Goose in Carrormore Lake Complex SAC: potential loss of feeding grounds: Significant Impact - Medium to Long term | Potential for nesting Golden Plover (Annex I) on intact blanket bog in SAC (timing). Heronry: Slight - temporary (timing). | Nesting Twite (Red-listed) at landfill. Potential for nesting Golden Plover (Annex I) on intact blanket bog in SAC (timing). Heronry: Slight - temporary (timing). | Landfall approach is through one of two main feeding areas for overwintering Geese: Significant impact - medium term. Potential for nesting Golden Plover (Annex I) on intact blanket bog in SAC (timing). Heronry: Slight - temporary (timing). SPA resident and overwintering species: Slight - temporary (timing). | Brent Geese: None expected. Sand martin colony: None expected. SPA resident and overwintering species: Slight - temporary (timing). Corncrake and other Annex species (Terns etc.): no impact expected | Brent Geese: None. Sand martin colony: None. Potential for nesting Golden Plover (Annex I) on intact blanket bog in SAC (timing). SPA resident and overwintering species: Slight - temporary (timing). Corncrake and other Annex species (Terns etc.): no impact expected |
| Potential to impact on Protected Flora | Slight to Moderate (Blanket bog species) | Slight (Blanket bog species) | None expected | None expected | Slight | Slight | Slight | Slight to Moderate (Blanket bog species) | Moderate to High (<i>Petaphyllum ralfsii</i>) | Slight | Slight |
| Potential to impact on Marine Fauna | Salmonids: None Marine Inverts: imperceptible temporary | Salmonids: None Marine Inverts: imperceptible temporary | Salmonids: None Marine Inverts: imperceptible temporary | Salmonids: None Marine Inverts: imperceptible temporary | | | | | Salmonids: None Marine Inverts: imperceptible temporary | Salmonids: None Marine Inverts: imperceptible temporary | Salmonids: None Marine Inverts: imperceptible temporary |

* Prepared by Environmental Specialists J. Neff (EACS) and I. Wilson (Benthic Solutions Ltd.)