



Technical Appendix 7-3

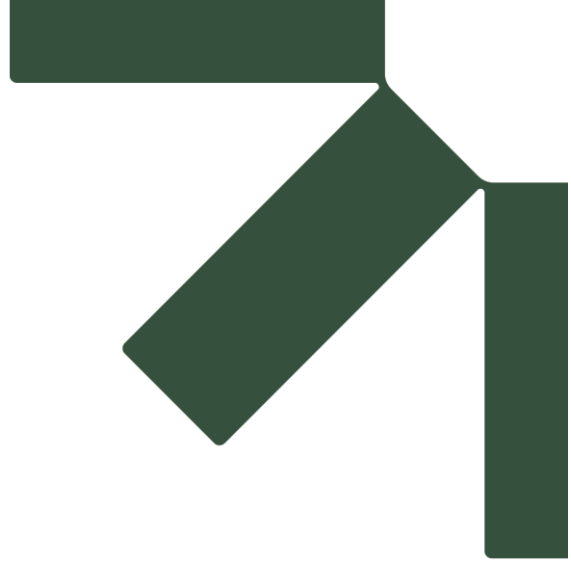
TDR and Cable Route

EIAR – Volume 3

Muingmore Wind Farm

SLR Project No.: 501.065301.00001

April 2026



Catchments and Subcatchments

The GCR is located within the Glencastle_SC_010, Owenmore[Mayo]_SC_030, Owenmore[Mayo]_SC_020 and Munhin_SC_010 sub catchments of the Blacksod-Broadhaven (ID 33) Catchment.

The Over-run Areas are all located within the Blacksod-Broadhaven catchment and within the Owenmore [Mayo]_SC_030 and Owenmore[Mayo]_SC_020 sub-catchments.

The list of catchments and sub-catchments that the TDR crosses is outlined below.

Turbine Delivery Route Catchment and Sub-Catchment Crossings

Catchment	Sub-Catchment
Blacksod-Broadhaven (ID 33).	Glencastle_SC_010
	Owenmore [Mayo]_SC_030
	Owenmore[Mayo]_SC_020
	Munhin_SC_010
Moy & Killala Bay (ID 34)	Deel[Crossmolina]_SC_010
	Deel[Crossmolina]_SC_020
	Moy_SC_080
	Moy_SC_100
	Moy_SC_090
	Glenree_SC_010
	Leaffony_SC_010
Sligo Bay (ID 35)	Easky_SC_010
	Dunmoran_SC_010
	Owenmore[Sligo]_SC_040
	Owenmore[Sligo]_SC_030
	CARROWGOBBADAGH_SC_010
	Bonet_SC_030
	Drumcliff_SC_010
	Grange[Sligo]_SC_010
Erne (ID 36)	Duff_SC_010
	Drowes_SC_010
	Erne_SC_050
Donegal Bay North (ID 37)	Ballintra_SC_010
	Eske_SC_010
	Eany[Water]_SC_010
	Stragar_SC_010

WFD Status and Risk Status

The surface water bodies listed below account for the SWBs located along the Grid Connection Route. These surface water bodies are also located along the Turbine Delivery Route. Hence, for the sake of avoiding repetition, these SWBs have not been repeated in the TDR table.

Grid Connection Route - WFD Status and Risk Status

River Name	EPA River Name	WFD 3 rd Cycle Status	WFD Risk status
Unnamed	TRISTIA_010	Good	Under Review.
Tristia 33			
Doolough (Stream)	DOOLOUGH STREAM_010	Poor	At risk due to excess sediment and nutrients from agriculture and peat drainage / extraction.
Munhin	MUNHIN_010	Moderate	At risk due to an unknown pressure and unknown impact type.
Owenmore [Mayo] and several unnamed tributaries into the Owenmore [Mayo]	OWENMORE (MAYO)_060, OWENMORE (MAYO)_050, OWENMORE (MAYO)_040, OWENMORE (MAYO)_030, OWENMORE (MAYO)_020	OWENMORE (MAYO)_030 High	Not at risk.
		OWENMORE (MAYO)_040 High	Not at risk.
Unnamed	OWENMORE (MAYO)_060	High	Not at risk.
Goolamore			
Srahmore 33			
Srahgaddy			
Ballybeg 33	OWENMORE (MAYO)_050	Good	Not at risk.
Srahnarry			
Bellanumera			
Briska33			
Unnamed	OWENMORE (MAYO)_020	High	Not at risk.
Kilsallagh 33			
Unnamed			
Unnamed			
Unnamed			

WATER (HYDROLOGY AND HYDROGEOLOGY) 7

Over-run Areas of the Turbine Delivery Route - WFD Status and Risk Status

Over-run Area No.	River Name	EPA River Name	WFD 3rd Cycle Status	WFD Risk status
Over-run Area 1	Unnamed	OWENMORE (MAYO)_060	High	Not at risk
Over-run Area 2	Moneynierin	MUING_010	Good	Not at risk.
Over-run Area 3	Tristia 33	TRISTIA_010	Good	Under review

Turbine Delivery Route - WFD Status and Risk Status

The surface water bodies listed below account for the SWBs located along the Turbine Delivery Route. The surface water bodies listed above are also located along the Turbine Delivery Route.

River Name	EPA River Name	WFD 3 rd Cycle Status	WFD Risk status
Muing	MUING_010	Good	Not at risk.
Moneynierin			
Unnamed	MUING_010	Good	Not at risk.
Unnamed	DEEL (CROSSMOLINA)_020	High	Not at risk.
Fiddaunatooghaun	SHANVOLAHAN_010	Moderate	At risk due to hydrological and morphological issues as a result of hydromorphology, forestry and peat extraction/drainage.
Unnamed	SHANVOLAHAN_010		
Unnamed	SHANVOLAHAN_010		
ESKERAGH	SHANVOLAHAN_010		
Shanvolahan 34	SHANVOLAHAN_010		
Unnamed	SHANVOLAHAN_010		
Unnamed	DEEL (CROSSMOLINA)_040	Good	Not at risk
South_Carrowgarve	DEEL (CROSSMOLINA)_040		
BALLINLABAUN	ABBEYTOWN_010	Moderate	Under review.
TOBERMORE	ABBEYTOWN_010		
CARROWKILLEEN	ABBEYTOWN_010		
ABBEYTOWN 34	ABBEYTOWN_010		
LONGFORD 34	MOY_100	Moderate	At risk due to excess nutrients as a result of agriculture.
Deel [Crossmolina]	DEEL (CROSSMOLINA)_050	Good	At risk due to morphological issues caused by hydromorphological pressures.
KNOCKAGARRAVAUN	BALLYMANAGH_010	Good	Under review.

WATER (HYDROLOGY AND HYDROGEOLOGY) 7

River Name	EPA River Name	WFD 3 rd Cycle Status	WFD Risk status
KNOCKANILLAUN	BALLYMANAGH_010		
Tullyegan 34	TULLYEGAN_010	Moderate	Under review.
SLIEVENAGARK	TULLYEGAN_010		
KNOCKSBARRETT	TULLYEGAN_010		
KNOCKANELO	MOY_120	Moderate	At risk due to excess nutrients and sediments, morphological and chemical issues caused by hydromorphological pressures and urban runoff.
Moy 34	MOY_120		
Glenree 34	GLENREE_030	Good	Not at risk.
BUNREE	DOOYEAGHNY_or_CLO ONLOUGHAN_010	Good	Under review.
QUIGNAMANGER	DOOYEAGHNY_or_CLO ONLOUGHAN_010		
QUIGNALEGAN	DOOYEAGHNY_or_CLO ONLOUGHAN_010		
DOOYEAGHNY_or_CLO ONLOUGHAN	DOOYEAGHNY_or_CLO ONLOUGHAN_010		
South_Corbally	DOOYEAGHNY_or_CLO ONLOUGHAN_010		
Unnamed	DOOYEAGHNY_or_CLO ONLOUGHAN_010		
Unnamed	Scurmore_010	Moderate	Under review.
Scurmore	Scurmore_010		
Ballymoghany 34	BELLAWADDY_010	Good	Not at risk.
Unnamed	BELLAWADDY_010		
Bellawaddy	BELLAWADDY_010		
TULLYLIN_or_BALLYFE ENAUN	BELLAWADDY_010		
Unnamed	BELLAWADDY_010		
Leaffony 34	LEAFFONY_020	Good	Not at risk.
Finned 35	FINNED_020	Good	Not at risk.
Ballybeg (Sligo)	BALLYBEG (SLIGO)_010	Good	Under review.
Easky	EASKY_030	High	Not at risk.
LECARROW 35	CARROWNRUSH_010	Good	Under review.
CARROWNRUSH	CARROWNRUSH_010		
PORTAGHBRADAGH	CARROWNRUSH_010		
Dunneill 35	DUNNEILL_020	Moderate	
Altans 35	DUNNEILL_020		

WATER (HYDROLOGY AND HYDROGEOLOGY) 7

River Name	EPA River Name	WFD 3 rd Cycle Status	WFD Risk status
BALLYGILCASH	DUNNEILL_020		At risk due to unknown impact type and pressure.
Ardkill 35	DUNNEILL_020		
Doonbeakin 35	DOONBEAKIN_010	Good	Not at risk.
DONAGHINTRAINÉ	DOONBEAKIN_010		
Lugdoon (Stream)	LUGDOON STREAM_010	Moderate	At risk due to excess nutrients and morphological issues caused by agriculture.
RATHGLASS 35	KILRUSHEIGHTER_010	Good	Under review.
BALLYGREIGHAN	KILRUSHEIGHTER_010		
KILRUSHEIGHTER	KILRUSHEIGHTER_010		
Doonflin	DOONFLIN_010	Moderate	At risk due to excess sediment, nutrients and organic issues as a result of agriculture.
Dunmorán	DUNMORAN_020	Good	Not at risk.
DUNMORAN TRIB WEST	DUNMORAN_020		
PORTAUAUD	BARNABRACK_010	Good	Under review.
BALLINLIG 35	BARNABRACK_010		
BARNABRACK	BARNABRACK_010		
TANREGO_INTAKE	BARNABRACK_010		
Mullanashee 35	BARNABRACK_010		
LUGNADEFFA	BARNABRACK_010		
Unnamed	BARNABRACK_010		
LUGAWARRY	BARNABRACK_010		
STONEHALL_or_CARR OWNAGEERÁGH	BARNABRACK_010		
Ballysodare	BALLYSODARE_010		
BELLADRIHID	KNOCKNAHUR_010	Good	Under review.
CARROWGOBBADAGH	KNOCKNAHUR_010		
Kilmacowen 35	KNOCKNAHUR_010		
Unnamed	GARAVOGUE_010	Poor	At risk due to excess nutrients and organic and morphological issues caused by urban run off and forestry.
SLIGO	GARAVOGUE_010		
SHANNON_EIGHTER	WILLSBOROUGH STREAM_010	Moderate	At risk due to unknown impacts and pressures.
Willsborough (Stream)	WILLSBOROUGH STREAM_010		

WATER (HYDROLOGY AND HYDROGEOLOGY) 7

River Name	EPA River Name	WFD 3 rd Cycle Status	WFD Risk status		
CREGG 35	Cregg (Sligo)_010	Good	Under review.		
DRUMCLIFF_GLEBE	Cregg (Sligo)_010				
Drumcliff 35	DRUMCLIFF_020	Good	Not at risk.		
Finned 35	DOONOWNEY_010	Good	Not at risk.		
CULLAGH_BEG	DOONOWNEY_010				
BARNAROBIN	DOONOWNEY_010				
CULLAGH_MORE	DOONOWNEY_010				
COOLDRUMMAN	DOONOWNEY_010				
CASHELGARRAN	DOONOWNEY_010				
Doonowney 35	DOONOWNEY_010				
AGHAGAD	GRANGE (SLIGO)_010			Poor	At risk due to hydrological and organic issues caused by urban runoff and abstraction.
Grange [Sligo]	GRANGE (SLIGO)_010				
Mount_Temple 35	CARTONKILLERDOO_010	Poor	At risk due to nutrient and organic issues due to agriculture and urban wastewater pressures.		
CARTONKILLERDOO	CARTONKILLERDOO_010				
Mullaghmore 35	MULLAGHMORE_010	Moderate	Under review.		
Duff	DUFF_030	Good	Not at risk.		
GRELLAGH	DUFF_030				
BUNDUFF	DUFF_030				
REDBRAE	DROWES_010	Good	Under review.		
WAREHOUSE	DROWES_010				
Unnamed	DROWES_010				
TAWNYTALLAN	DROWES_010				
DUNCARBRY	DROWES_010				
Drowes	DROWES_010				
Unnamed	DROWES_010				
Unnamed	DROWES_010				
MAGHERACAR	DROWES_010				
Unnamed	BRADOGE_020			Good	Not at risk.
Unnamed	BRADOGE_020				
Badoge	BRADOGE_020				
Unnamed	BRADOGE_020				
Unnamed	BRADOGE_020				
Unnamed	BRADOGE_020				
PORTNASON	Erne	Moderate	At risk due to hydrological,		
TOWNPARKS 36	Erne				

WATER (HYDROLOGY AND HYDROGEOLOGY) 7

River Name	EPA River Name	WFD 3 rd Cycle Status	WFD Risk status
CARRICKBOY	Erne		morphological, chemical and another unknown impact type pressures as a result of agriculture, hydromorphological pressures and invasive species.
Erne	Erne		
CAMP 36	Erne		
Abbey_Island	ABBEY_010	Good	Under review.
ABBEYLANDS 36	ABBEY_010		
CROCKACAPPLE	ABBEY_010		
PARKHILL	ABBEY_010		
TULLYHORKY	ABBEY_010		
ABBEY 36	ABBEY_010		
ARDGILLEW	ABBEY_010		
BALLYMAGRORTY_SC OTCH	BALLYMAGRORTY_SC OTCH_010	Moderate	Under review.
Ballintra 37	BALLINTR_010	Good	Not at risk.
ARDNAGALLIAGH	BRIDGETOWN (DONEGAL)_030	Good	Not at risk.
MONEYMORE 37	BRIDGETOWN (DONEGAL)_030		
GRAHAMSTOWN	BRIDGETOWN (DONEGAL)_030		
Bridgetown [Donegal]	BRIDGETOWN (DONEGAL)_030		
DRUMCHORY	BRIDGETOWN (DONEGAL)_030		
BALLYBULGAN	BRIDGETOWN (DONEGAL)_030		
CARRICK_WEST	BRIDGETOWN (DONEGAL)_030		
RATHTINNY	BRIDGETOWN (DONEGAL)_030		
ROSSILLY	BRIDGETOWN (DONEGAL)_030		
OUGHYNADRIN	LAGHY STREAM_010		
Tullywee	LAGHY STREAM_010		
Laghy (Stream)	BALLYKILLOWEN STREAM_010	Good	Not at risk.
DRUMGOWAN	CLARCARRICKNAGUN_010	Good	Not at risk.
RAROOEY	CLARCARRICKNAGUN_010		

WATER (HYDROLOGY AND HYDROGEOLOGY) 7

River Name	EPA River Name	WFD 3 rd Cycle Status	WFD Risk status
CLARCARRICKNAGUN	CLARCARRICKNAGUN_010		
DRUMMENNY_LOWER	CLARCARRICKNAGUN_010		
Drumenny	DRUMMENNY_010	Good	Not at risk.
DRUMROOSK_EAST	ESKE_020	Good	Not at risk.
Eske 37	ESKE_020		
DRUMROOSK_MIDDLE	ESKE_020		
GORTLOSKY	Leitrim Hill Stream_010	Good	Under review.
DRUMGUN 37	Leitrim Hill Stream_010		
GLEN 37	Leitrim Hill Stream_010		
SCRAWHILL	Leitrim Hill Stream_010		
Leitrim Hill Stream	Leitrim Hill Stream_010		
Unnamed	EANY WATER_020	Good	Under review.
Unnamed	EANY WATER_020		
GORTAWARD	EANY WATER_020		
Unnamed	EANY WATER_020		
DRUMDUFF 37	EANY WATER_020		
Unnamed	EANY WATER_020		
ARDAGHY_GLEBE	EANY WATER_020		
PORT 37	EANY WATER_020		
DRUMNAKILLY	DRUMNAKILLY_010	Good	Under review.
KILMACREDDAN	DRUMNAKILLY_010		
Unnamed	DRUMNAKILLY_010		
MEENACHARBET	DRUMNAKILLY_010		
BRENTER	DRUMNAKILLY_010		
SEAHILL_and_TUCKMILL_HILL	DRUMNAKILLY_010		
Bunlacky	BUNLACKY_010	High	Not at risk.
BOGSIDE	BOGSIDE_010	Good	Under review.
Unnamed	BOGSIDE_010		
Unnamed	BOGSIDE_010		
BRUCKLESS	BOGSIDE_010		
Oily	OILY_020	Moderate	At risk due to chemical pressures caused by agriculture.
Unnamed	OILY_020		
Unnamed	OILY_020		
TULLAGHACULLION	STRAGAR_010	Poor	At risk due to excess nutrients, hydrological, morphological, chemical

WATER (HYDROLOGY AND HYDROGEOLOGY) 7

River Name	EPA River Name	WFD 3 rd Cycle Status	WFD Risk status
			and organic issues caused by agriculture, abstraction, industry and hydromorphological pressures.

Aquifers that underly the Turbine Delivery Route

Aquifer Type and Code	Aquifer Description
Bedrock Aquifer (PI)	Poor Aquifer - Bedrock which is Generally Unproductive except for local zones
Locally Important bedrock Aquifer (LI)	Locally Important Aquifer – moderately productive in local zones
Locally Important bedrock Aquifer (Lm)	Locally Important Aquifer – moderately productive
Gravel Aquifer (Lg)	Locally important gravel aquifer
Karstified Bedrock Aquifer (Rk)	Regionally Important Aquifer - Karstified
Karstified (conduit) Bedrock Aquifer (Rkc)	Regionally Important Aquifer - Karstified (conduit)
Karstified Bedrock Aquifer (Lk)	Locally Important Aquifer - Karstified
Bedrock Aquifer (Pu)	Poor Aquifer - Bedrock which is Generally Unproductive

Groundwater Vulnerability along the Grid Connection Route

GCR Water crossing	Groundwater Vulnerability Classification
WCX1	Moderate
WCX2	Moderate
WCX3	Moderate
WCX4	Moderate
WCX5	High/Moderate
WCX6	Moderate
WCX7	Low
WCX8	Extreme
WCX9	Extreme
WCX10	High
WCX11	High
WCX12	High
WCX13	Extreme
WCX14	Extreme

GCR Water crossing	Groundwater Vulnerability Classification
WCX15	Extreme
WCX16	Extreme
WCX17	Extreme
WCX18	Extreme
WCX19	Extreme
WCX20	Extreme
WCX21	Extreme
WCX22	Extreme
WCX23	High
WCX24	High
WCX25	High
WCX26	High
WCX27	High
WCX28	High
WCX29	Moderate
WCX30	Moderate
WCX31	High
WCX32	High
WCX33	High

Groundwater Vulnerability along the Turbine Delivery Route

*TDR Nodes shown on **Figure 2-4a**

TDR Node*	Groundwater Vulnerability Classification
Node 1	High (H), Extreme (E), Rock at or near surface (X)
Node 2	Moderate (M), Low (L)
Node 3	Extreme (E), Rock at or near surface (X)
Node 4	Low (L)
Node 5	Moderate (M), High (H)
Node 6	Moderate (M), High (H)
Node 7	High (H), Extreme (E), Rock at or near surface (X), Moderate (M)
Node 8	High (H), Extreme (E), Rock at or near surface (X), Moderate (M)
Node 9	High (H), Extreme (E)
Node 10	High (H), Extreme (E)

TDR Node*	Groundwater Vulnerability Classification
Node 11	High (H), Extreme (E), Rock at or near surface (X)
Node 12	High (H), Extreme (E), Rock at or near surface (X)
Node 13	Moderate (M)
Node 14	High (H), Extreme (E), Rock at or near surface (X)
Node 15	High (H), Extreme (E), Rock at or near surface (X)
Node 16	Moderate (M), Low (L)
Node 17	High (H), Extreme (E), Moderate (M), Low (L)
Node 18	High (H), Extreme (E), Rock at or near surface (X), Moderate (M)
Node 19	High (H), Extreme (E), Rock at or near surface (X), Moderate (M)
Node 20	Extreme (E), Rock at or near surface (X),
Node 21	Extreme (E), Rock at or near surface (X),
Node 22	Extreme (E), Rock at or near surface (X),
Node 23	Extreme (E), Rock at or near surface (X),
Node 24	Extreme (E), Rock at or near surface (X),
Node 25	Extreme (E), Rock at or near surface (X),
Node 26	Extreme (E), Rock at or near surface (X),
Node 27	Rock at or near surface (X),

Groundwater Bodies along the Turbine Delivery Route

Groundwater body name	WFD 3 rd Cycle status	Risk status
Bellacorick-Killala	Good	Not at risk
Deel	Good	Not at risk
Laherdaun	Good	Not at risk
Crossmolina Gravels	Good	Not at risk
Ballina	Good	Not at risk
Ballina Gravels Group 1	Good	Not at risk
Foxford	Good	Not at risk
Easky West	Good	Not at risk
Easky East	Good	Not at risk
Collooney	Good	Not at risk
Beltra-Sligo	Good	Not at risk
Collooney	Good	Not at risk
Carrowmore West	Good	Not at risk

WATER (HYDROLOGY AND HYDROGEOLOGY) 7

Groundwater body name	WFD 3 rd Cycle status	Risk status
Carrowmore East	Good	At Risk due to chemical quality diminution and excess nutrients as a result of forestry.
Drumcliff-Strandhill	Good	Not at risk
Rosses Point	Good	Not at risk
Grange East	Good	Not at risk
Tullaghan-Lough Melvin	Good	Not at risk
Bundoran	Good	Not at risk
Ballyshannon South	Good	Not at risk
GWDTE-Dunmuckrum Turlough (SAC002303)	Good	Not at risk
Ballyshannon East	Good	Not at risk
Ballyshannon	Good	Not at risk
Donegal-Ballintra	Good	Not at risk
Waste Facility (W0024-03)	Poor	At Risk due to chemical quality diminution, forestry and excess nutrients as a result of waste.
Donegal South	Good	Not at risk
Doorin Point	Good	Not at risk
Frosses	Good	Not at risk
St. Johns Point	Good	Not at risk
Inver-Banagher Hill	Good	Not at risk

