

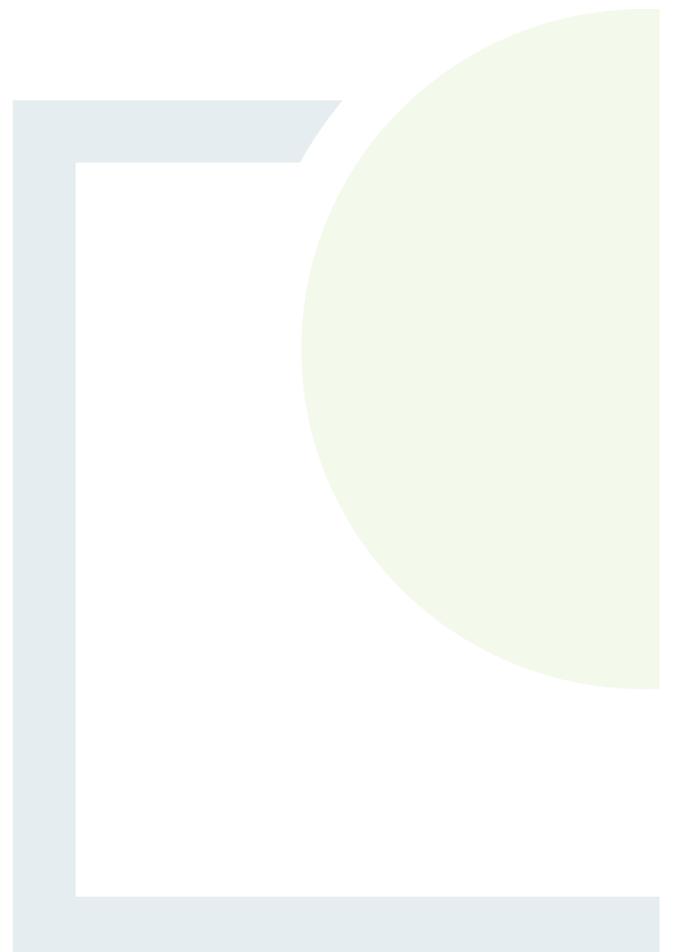


**FEHILY  
TIMONEY**

**CONSULTANTS IN ENGINEERING,  
ENVIRONMENTAL SCIENCE  
& PLANNING**

# **APPENDIX 7.1**

Field Assessment Observations





County		Cork		Initials		RM				Checked		CC	
Site Name		Barnadivane Windfarm		Date		11-Oct				Date		27-Feb	
Weather Conditions: Dry													
Hydrology / Drainage Feature Codes													
River	Rvr	Drainage Ditch	DD	Lake	LK	Peat Pipe					PP	Pipe	Pe
Stream	Str	Flush	FL	Bog Pool	BP	Culvert					CT	Diameter	∅
Looking Upstream	u/s	Looking Downstream	d/s	Bridge/Culvert/Pipe viewed upstream	Vu/s	Bridge/Culvert/Pipe viewed downstream					Vd/s	Bog Drain	BD
Bridge	Br	Length	Lgt	Width x Height	Wd x Ht	Depth					Dp	Channel	Ch
Feature No.	Coordinates		Photograph Nos.		Width Base	Width Top of bank	Bank Height	Depth of Water	Feature Description (use codes)				
	X_ITM	Y_ITM	u/s	d/s	u/s - d/s	u/s - d/s	u/s - d/s						
F01	533634.94	562792.53			800mm	1800mm	1000mm	20mm	Drainage Ditch with negligible flow running to Southern Direction				
					800mm	1800mm	1000mm						
F02	533568.73	562789.95			400mm	1200mm	700mm	25mm	Small field Drainage Ditch with negligible flow running in the Southern Western Direction				
					400mm	1200mm	700mm						
F03	533531.90	562757.10			400mm	2000mm	800mm	30mm	Drainage Ditch covered by vegetation, negligible flow running in Western Direction				
					400mm	2000mm	800mm						
F04	533814.46	562687.56			2500mm	2700mm	100mm	20mm	The existing Track sloping in the South-Western Direction catches the water from the Northern Farmland Site and the Western Greenfield Land. It Outfalls in F05.				
					2500mm	2700mm	100mm						
F05	533664.27	562541.11			1800mm	800mm	450mm	350mm	Natural Pond Basin collects water from F04 and receives water by infiltration from Northern farmland.				
					600mm	800mm	600mm						
F06	533438.62	562503.85			600mm	900mm	500mm	200mm	Main Watercourse - River Bride part of Lee_010 Sub Basin, Water flowing from the North to the South, bed in Stones and Gravel, banks covered by vegetation.				
					400mm	900mm	600mm						
F07	533799.36	563390.63			500mm	2400mm	1500mm	30mm	Drainage Ditch, difficult to access. Water flowing from the Northern to Southern direction, the water feature is culverting a bridge of an unnamed road located approximately 200m from T4 in the Northern Direction.				
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F08	533832.00	562543.00			1000mm	1200mm	200mm	50mm (estimated)	Small Channel, water flowing from East to South, Bed in Rocks and Stones.				
					1000mm	1200mm	600mm (estimated)						

