

Technical Appendix 4.3: Predicted Habitat Loss Values for the T39 Layout

RPS 2014

Table 1: Predicted Habitat Loss, Direct and Indirect Impacts outwith Designated Sites by Infrastructure Component, Modified 2013 Scheme and the T39 Layout

Scheme Area	Infrastructure Component	Phase 1 Habitat	Habitat Loss (Footprint) + direct impact (10 m buffer) (Ha): Modified 2013 Scheme	Habitat Loss (Footprint) + direct impact (10 m buffer) (Ha): T39 Layout
Main wind farm area	Borrow pit	Blanket bog	3.74	3.74
		Wet heath	1.82	0.42
		Acid flush	0.00	0.00
		Dry heath	0.17	0.17
		Wet modified bog	0.43	0.33
		Conifer Plantation ⁸	5.57	4.59
	Concrete batching	Blanket bog	0.01	0.01
		Acid flush	0.01	0.01
		Wet modified bog	0.00	0.00
		Conifer Plantation ⁸	1.17	1.17
	Construction compound	Wet heath	0.30	0.30
		Wet modified bog	0.07	0.07
		Conifer Plantation ⁸	1.04	1.04
	Cut track	Blanket bog	2.63	2.63
		Wet heath	1.89	1.53
		Acid flush	0.12	0.12
		Wet modified bog	1.43	1.30
		Conifer Plantation ⁸	16.03	13.79
	Float track	Blanket bog	1.00	1.00
		Wet heath	0.51	0.32
		Acid flush	0.01	0.01

⁸ It should be noted that this figure relates to conifer plantation loss as a result of the site's infrastructure. However, coniferous plantation across the main site would be removed as a result of the proposed development.

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Scheme Area	Infrastructure Component	Phase 1 Habitat	Habitat Loss (Footprint) + direct impact (10 m buffer) (Ha): Modified 2013 Scheme	Habitat Loss (Footprint) + direct impact (10 m buffer) (Ha): T39 Layout
		Wet modified bog	0.81	0.76
		Conifer Plantation ⁸	10.69	9.41
	Laydown Area	Blanket bog	1.50	1.50
		Wet modified bog	0.17	0.17
		Conifer Plantation ⁸	0.92	0.92
	Met mast	Wet heath	0.10	0.00
		Conifer Plantation ⁸	0.46	0.43
	Switching station	Blanket bog	0.55	0.55
		Conifer Plantation ⁸	1.08	1.08
	Turbine hardstanding	Blanket bog	0.45	0.45
		Wet heath	0.65	0.46
		Acid flush	0.01	0.01
		Wet modified bog	0.86	0.73
		Conifer Plantation ⁸	16.52	13.64
	Upgrade track	Blanket bog	1.79	1.78
		Wet heath	2.67	2.06
		Acid flush	0.00	0.00
		Wet modified bog	0.03	0.00
		Conifer Plantation ⁸	0.71	0.34

Table 2: Predicted Habitat Loss, Direct and Indirect Impacts outwith Designated Sites by Phase 1 and NVC Community, Modified 2013 Scheme and the T39 Layout

Scheme Area	Phase 1 Habitat	NVC Community	Habitat Loss (Footprint) + direct impact (10m buffer) (Ha): Modified 2013 Scheme	Habitat Loss (Footprint) + direct impact (10m buffer) (Ha): T39 Layout
Main wind farm area	Blanket bog	M17	0.02	0.02
		M17a	2.88	2.88
		M17b	7.91	7.90
		M19a	0.86	0.86
	Wet heath	M15a	0.69	0.69
		M15b	6.78	3.95
		M15c	0.45	0.45
	Acid flush	M6c	0.04	0.04
		U6d	0.12	0.12
	Dry heath	H10b	0.17	0.17
	Wet modified bog	M20	0.58	0.58
		M25	2.43	2.18
		M25a	0.79	0.60
	Conifer Plantation ⁸	Forestry	54.18	46.42
Main Wind Farm Area Total⁹			77.92	66.87

⁹These figures have been updated from those reported in the 2013 ES Addendum as a result of further detailed analysis.