

**Balmeanach Wind Farm
SEI Report Volume 4**

SEI Technical Appendix 10.2: Peat Management Plan (PMP)

**Update to Annex 10.2A
(No other changes to EIA Technical Appendix 10.2: PMP)**



SEI Annex 10.2A - Excavated Materials Calculations

Infrastructure	Length (m)	Width (m)	Area (m2)	Average Depth (m)	Number	Total Volume Excavated (m3)	Length (m)	Width (m)	Area (m2)	Average Depth (m)	Number	Total Re-use Volume (m3)
Site Track (Excavated) Option B	8394	6	50364	0.61	1	30722	8394	3	25182	1.00	1	25182
Turning Heads			1007	0.79	6	4773	100	1.5	150	1.00	9	1350
Turbine Bases - formation only	23	23	415	0.75	9	2803	80	2	160	0.50	10	800
Hardstandings	68	38	2584	0.68	9	15814	240	2	480	0.50	10	2400
Met Mast			3564	1.20	1	4277	200	2	400	0.50	1	200
Substation			1050	0.00	1	0			0	0.00	0	0
Construction Compound 3			8000	0.24	1	1920	360	2	720	0.50	1	360
Borrow Pit 1			17055	0.20	1	3411			17055	1.50	1	25583
Borrow Pit 2			8544	0.55	1	4699			8544	1.50	1	12816
Borrow Pit 3			6919	1.24	1	8580			5869	1.50	1	8804
Borrow Pit 4			15340	0.23	1	3528			15340	1.50	1	23010
Total Excavated Volume (m3)			80527									
Total Re-use Volume (m3)			100504									

Infrastructure	Length (m)	Width (m)	Area (m2)	Average Depth (m)	Number	Total Volume Excavated (m3)	Length (m)	Width (m)	Area (m2)	Average Depth (m)	Number	Total Re-use Volume (m3)
Proposed Link (Consented Ben Sca Track)	1404	6	8424	0.78	1	6571	1404	3	4212	1.00	1	4212
Construction Compound 1			5000	0.56	2	5600	300	2	600	0.50	1	300
Total Excavated Volume (m3)			12171									
Total Re-use Volume (m3)			4512									

Total Excavated Volume (m3)	92698
Total Re-use Volume (m3)	105016
Net Balance (m3)	-12318