

**Ben Sca Redesign Wind Farm
SEI Report Volume 4**

SEI Technical Appendix 6.1: Peat Management Plan (PMP)

**Update to Annex 6.1A
(No other changes to EIA Technical Appendix 6.1: PMP)**



SEI Annex 6.1A - Excavated Materials Calculator

Infrastructure	Length (m)	Width (m)	Area (m ²)	Average Depth (m)	Number	Total Excavated Volume Peat (m ³)	Length (m)	Width (m)	Area (m ²)	Average Depth (m)	Number	Total Re-use Volume of Peat (m ³)	Notes
New Track - Excavated	4342	5		0.60	1	12967	4342	3		0.50	2	13026	
Existing Track	1784	5				0						0	No excavations required.
New Track - Floated	167	5				0						0	No excavations required.
Substation	35	30	1050	0.56	1	588	130	1.5		0.50	1	98	
Construction Compound 1	100	50	5000	0.56	1	2789	300	1.5		1.00	1	450	
Construction Compound 2			3000	0.53	1	1584						0	
T02 - Crane Hardstanding - permanent			2313	0.24	1	559	125	2.0		0.50	1	125	Turbine foundation included in permanent hardstanding area.
T03 - Crane Hardstanding - permanent			2313	0.41	1	939	125	2.0		0.50	1	125	Turbine foundation included in permanent hardstanding area.
T04 - Crane Hardstanding - permanent			2313	0.45	1	1036	125	2.0		0.50	1	125	Turbine foundation included in permanent hardstanding area.
T05 - Crane Hardstanding - permanent			2313	0.84	1	1937	125	2.0		0.50	1	125	Turbine foundation included in permanent hardstanding area.
T06 - Crane Hardstanding - permanent			2313	0.69	1	1599	125	2.0		0.50	1	125	Turbine foundation included in permanent hardstanding area.
T07 - Crane Hardstanding - permanent			2313	0.86	1	1999	125	2.0		0.50	1	125	Turbine foundation included in permanent hardstanding area.
T08 - Crane Hardstanding - permanent			2313	0.68	1	1574	125	2.0		0.50	1	125	Turbine foundation included in permanent hardstanding area.
T09 - Crane Hardstanding - permanent			2313	0.54	1	1250	125	2.0		0.50	1	125	Turbine foundation included in permanent hardstanding area.
T02 - Crane Hardstanding - temporary			1718	0.25	1	423						423	
T03 - Crane Hardstanding - temporary			1718	0.17	1	297						297	
T04 - Crane Hardstanding - temporary			1718	0.93	1	1602						1602	
T05 - Crane Hardstanding - temporary			1718	1.16	1	1998						1998	
T06 - Crane Hardstanding - temporary			1718	1.00	1	1713						1713	
T07 - Crane Hardstanding - temporary			1718	0.64	1	1107						1107	
T08 - Crane Hardstanding - temporary			1718	0.84	1	1449						1449	
T09 - Crane Hardstanding - temporary			1718	0.34	1	591						591	
Turning Head 1			1699	0.55	1	934	205	1.5		0.50	1	154	
Turning Head 2			634	0.39	1	247	188	1.5		0.50	1	141	
Borrow Pit 1	63	41	2628	0.26	1	683			2628	1.50	1	3942	
Borrow Pit 2			3584	0.54	1	1935			3584	1.50	1	5376	
Borrow Pit 3	125	75	9374	0.32	1	3000			9374	1.50	1	14061	
Peatland Restoration						0			600	0.50	1	300	
						44800						47723	
Total Excavated Volume (m ³)						44800							
Total Re-use Volume (m ³)												47723	
Net Balance (m ³)												-2923	