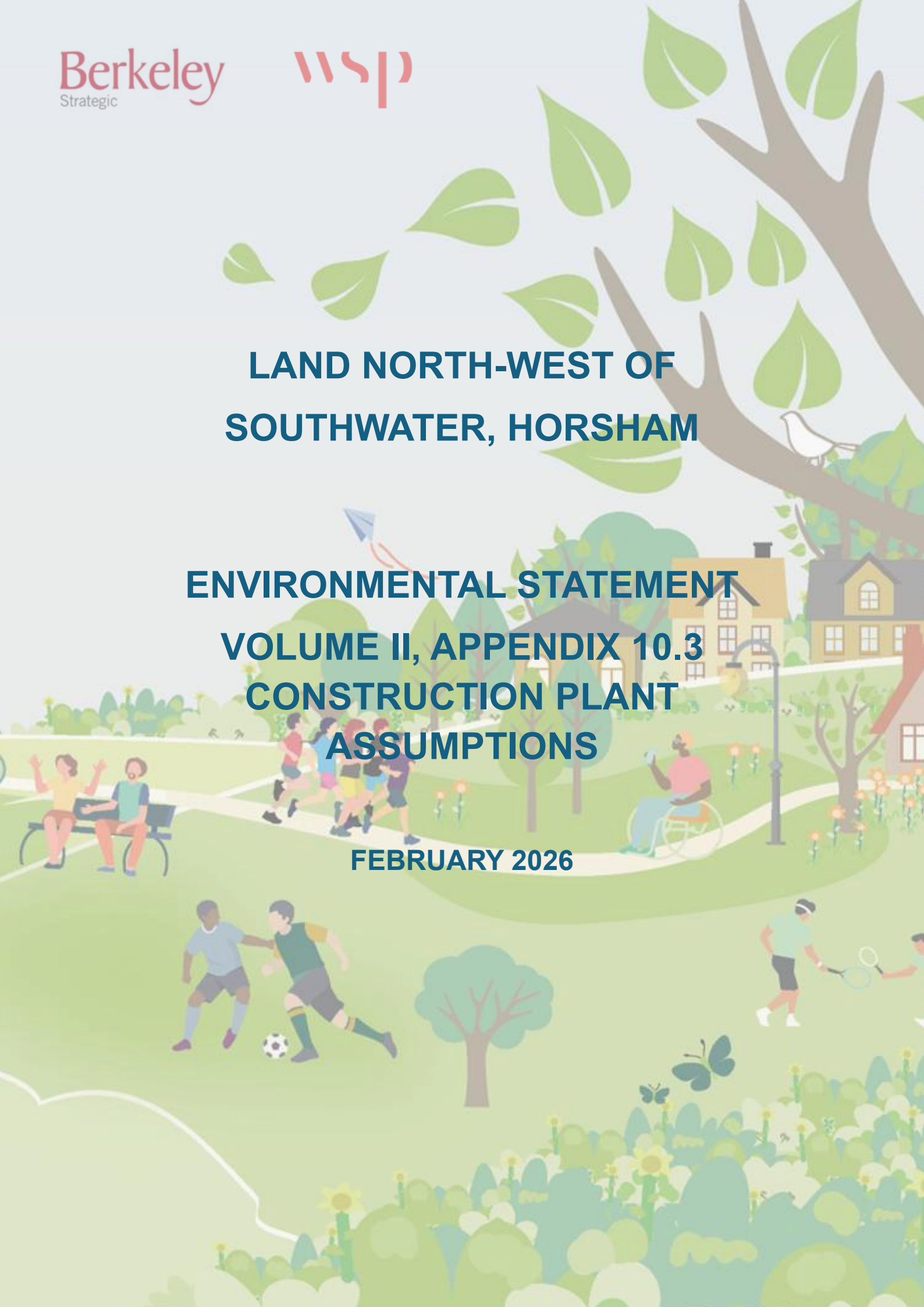


**LAND NORTH-WEST OF  
SOUTHWATER, HORSHAM**

**ENVIRONMENTAL STATEMENT  
VOLUME II, APPENDIX 10.3  
CONSTRUCTION PLANT  
ASSUMPTIONS**

**FEBRUARY 2026**





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## APPENDIX 10.3 CONSTRUCTION PLANT ASSUMPTIONS

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## ***TABLES***

Table 1 - Plant Items Assumed for Construction Assessment

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## APPENDIX 10.3 CONSTRUCTION PLANT ASSUMPTIONS

The following plant items have been assumed for the construction noise assessment.

**Table 1 - Plant Items Assumed for Construction Assessment**

Phase of Work	Plant	Sound Power Level <sup>1</sup> , dB L <sub>WA</sub>	Percentage on-Time	Data Source within BS 5228-1
Site clearance and foundations	2x Tracked excavator (30t)	103	75%	Table C.2 #16
	2x Articulated dump truck (tipping fill)	102	75%	Table C.2 #32
	2x Dozer (28t)	107	75%	Table C.2 #11
Building construction	2x Concrete mixer truck (discharging) and concrete pump (pumping)	103	25%	Table C.4 #28
	2x Telescopic handler (3.7t)	98	75%	Table C.4 #55
	2x Dumper (idling)	91	75%	Table C.5 #5
	2x Diesel generator	88	100%	Table C.4 #77
	2x Handheld cordless nail gun	101	25%	Table C.4 #95
Landscaping and access roads	2x Tracked excavator (35t)	108	75%	Table C.5 #18
	Articulated dump truck (tipping fill)	102	75%	Table C.2 #32
	Asphalt paver and tipper lorry	105	75%	Table C.5 #31
	Vibratory roller	105	75%	Table C.5 #26

Note 1: The stated sound power level is for one item of plant only.



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