

Attachment 1A: Updating section 3.5.5, Part B, AEE

Table 4: Approximate Areas of Disturbance

Project Area / Component	Construction (ha)	Operation (ha)
Area 1		
Weir	<0.1	<0.1
Intake Channel (including Sluice Channel)	0.2	0.2
Intake Structure and Intake Portal	<0.1	<0.1
Tunnel Portal, Intake Accessway and River Protection	<0.1	<0.1
Road to Construction Staging Area 1	<0.1	0
Construction Staging Area 1	0.7	0
Test Drilling Site (x 4)	<0.1	0
SUB TOTAL	1.2	0.3
Area 2		
Power Station, Control Room, Switchyard	<0.1	<0.1
Hard fill area between power station, access road and tunnel portal	0.3	0.3
Tailrace & tailbay	0.2	0.2
Retaining wall, river protection, access ramp	0.1	0.1
Slope protection works	<0.1	<0.1
Construction Staging Area 2 (including temporary staging road and riverside flood protection)	0.8	0
Test Drilling Site (x3)	<0.1	0
Transmission Line (where separate from the road)	0.6	0.6
Access Road (where separate from transmission line)	0.6	0.6
Access Road and Transmission Line (running in parallel)	3.2	2.7

Project Area / Component	Construction (ha)	Operation (ha)
Waterway Training and Flood Protection at Alpha Creek	0.2	0.1
SUB TOTAL	6.2	4.7
Areas 3 and 4 (to farm boundary at Anderson Road)		
Construction Staging Area 3	3	0
Land-based gravel Winning and Spoil Disposal Areas	17.3	0
Farm boundary at Macgregor Creek to farm boundary at Anderson Road – access road	2.15	2.15
Farm boundary at Macgregor Creek to farm boundary at Anderson Road – transmission line	2.15	2.15
Farm boundary at Macgregor Creek to farm boundary at Anderson Road – transmission line and access road adjacent	2.6	2.2
Gravel Screening area	0.8	0
SUB TOTAL	28	6.5
TOTAL	35.4	11.5