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Project: Fairview Ecological Assessment – Addendum to Lot 8 on AB200 Report	Reference: 221708

To:	Copy:	Circulate:	Name:	Organisation:	Location/Facsimile:
✓			Paul Wybrew	Santos Ltd	32 Turbot St, Brisbane
From: Aurecon C/o Jane Stark				Date: 15 November 2011	Total pages: 4

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Dear Mr Wybrew

This memo is in relation to the ground-truthing of the proposed Springwater Camp Extension that occurs within Lot 8 on AB200. A previous report has been compiled regarding the original footprint for the Springwater Camp Extention (Rev A) on Lot 8 AB200 (Santos document control number: 0020-GLNG-4-1.3-0033-02) and this memo should be treated as an addendum to that document.

1. Springwater Camp Extension, Rev B

General

The proposed development area is situated immediately adjacent to the existing WDS Springwater Camp, within Lot 8 on AB200 (Figure 1).

This proposed development area is considered a highly modified environment, as a result of historical land clearing and current land-uses.

This site is accurately mapped on DERM's RE mapping as non-remnant vegetation.

No ESAs have been mapped within or adjacent to the proposed development area. The closest ESA is a Category C ESA (State Forest) which occurs approximately 380 m to the east.

No mapped watercourses occur within the proposed development area.

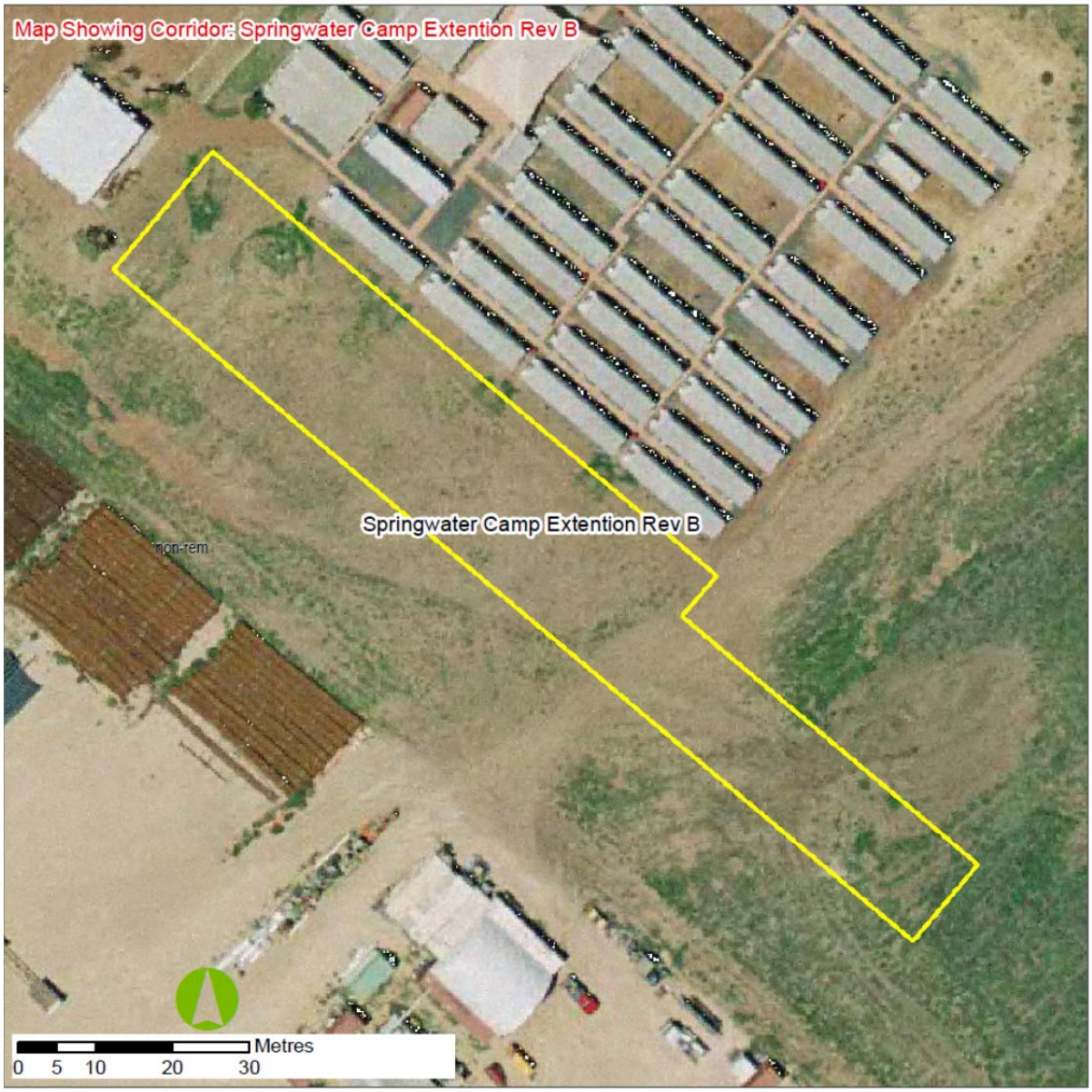

Figure 1 **Springwater Camp Extension Rev B proposed development area**

General

The area proposed for the Springwater Camp Extension (Rev B) is highly disturbed and is currently devoid of any woody vegetation. The ground layer is dominated by exotic grasses and pasture plants. The area was also observed to be actively grazed by domestic livestock during the inspection. A full list of species observed with the proposed development area is provided in Table 1.1.

No conservation significant flora species under the provisions of the NC Act and/or EPBC Act were observed within the proposed development area. Furthermore, no Type A restricted plants (under the provision of the NC Act) were detected.

Table 1 Botanical species list for Springwater Camp Extension Rev B proposed development area

Scientific Name	Common Name	Notes
Bothriochloa bladii	Forest Blue Grass	
Brachiaria decumbens	Signal Grass	
Bracteantha bracteata	Everlasting Daisy	
Calotis lappulaecea	Yellow Burr Daisy	
Chamaesyce drummondii	Caustic Weed	
Chloris pectinata	Comb Chloris	
Chloris truncata	Windmill Grass	
Choris gayana	Rhodes Grass	
Cirsium vulgare	Scotch Thistle	Exotic
Conzya canadensis	Fleabane	Exotic
Dicanthium sericeum	Qld Bluegrass	
Eragrostis brownii	Browns Love Grass	
Fimbristylis dichotoma	Fimbristylis	
Hydrocotyle laxiflora	Kidney Weed	
Lepidium sagittulatum	Pepper Cress	Exotic
Malvestrum americanum	Spiny Malvestrum	
Neptunia gracilis	Native Sensitive Weed	
Oxalis stricta	Yellow Wood Sorrel	Exotic
Panicum simile	Two Coloured Panic	
Pennisetum ciliare	Buffel Grass	
Plantago cunninghammii	Plantago	
Rhyncosia minima	Rhyncosia	
Sclerolaena birchii	Galvanised Burr	
Senecio lautus	Fireweed	Exotic
Sisymbrium thellungii	African Turnip Weed	Exotic
Solanum ellipticum	Potato Bush	
Sporobolus creber	Western Rats Tail Grass	
Urochola mozambiciensis	Mozambique Grass	Exotic
Verbena officionalis	Common Verbena	Exotic

Scientific Name	Common Name	Notes
Verbena tenuisecta	Maynes Curse	Exotic

General

The proposed development area is devoid of woody vegetation as a result of clearing and previous development. Habitat features associated with the proposed development are therefore typically limited to ground cover vegetation. As a result, the habitat value of this survey area is considered very low, overall.

Accordingly, the species utilising resources in the proposed development region are most likely to be limited to common, generalist species that are able to adapt to significant habitat disturbances (ie House mouse [*Mus musculus*], macropods etc).

No incidental fauna species other than domestic livestock were recorded during surveys of the proposed development area, and therefore, no conservation significant fauna species (under the provisions of the EPBC Act and/or NC Act) were observed during field investigations.