

Horsham

Council Discussions

Discussions with Tony Bawden from the Horsham Shire council indicated that the council would be willing to pay \$1-\$1.5K p.a. in running costs for an SBS FM radio service. They indicated that the coverage area of interest was the city region only. There was some interest in a greenfield site at Dooen Hill so that the council could relocate their base radio site to reduce site sharing costs.

List of Potential Sites

High Power Solution

Telstra Radio Terminal Mt Zero
Karr Radio site Henty Highway

Low/Medium Power Solution

Broadcast Australia site 17-19 Mclachlan St.
Greenfield site at police paddocks at Dooen Hill

Preferred Site

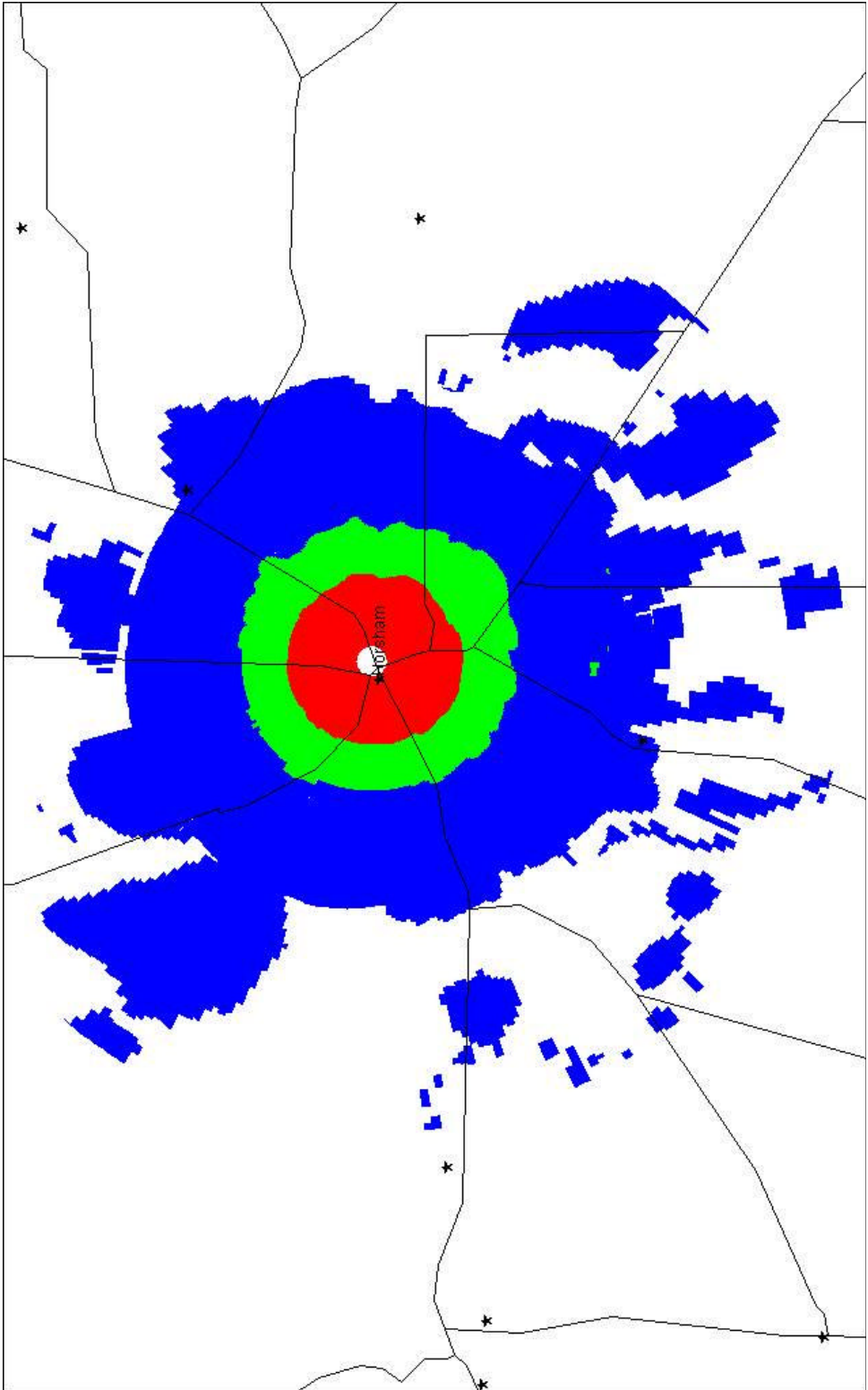
The greenfield option at police paddocks would be suitable for coverage of Horsham, however a cost sharing arrangement would need to be agreed to between SBS and the council to progress this solution. The preferred site at this stage is the existing Broadcast Australia site at 17-19 Mclachlan St. Horsham. The site has an existing tower, transmit antenna, and equipment room. A vertically polarised transmission with ERP of 200W and an omnidirectional pattern will give an urban grade of service to most of the Horsham metropolitan area. Coverage will essentially be identical to the existing ABC Radio National service. See attached coverage map. The coverage map was produced using Pathloss 4.0 prediction software and Auslig 9 second terrain data.

250W Stereo Transmitter
2 channel combiner
Satellite dish
Satellite Decoder
Cable and connectors
Racking
Alignment and Installation¹

1: Onsite install only. No travel costs included.



Broadcast Australia Site



BA site Coverage Map