

Swan Hill

Council Discussions

Discussions with David Lenton from the Swan Hill Shire council indicated that the council would be willing to pay up to \$5K p.a. in running costs for an SBS FM radio service as long as it covers all their areas of interest. They indicated an order of preference for services within their council area. Preferences outlined below

1. Robinvale
2. Swan Hill
3. Nyah/Nyah West
4. Tresco/Boga
5. Woorinen
6. Piangil/Woodwood
7. Boundary Bend

List of Potential Sites

High Power Solution

Combination of Broadcast Australia Site at Yatpool and Goschen
Pental Island AM mast

Medium Power Solution

Broadcast site at water tower in Splatt St.
Swan Hill Council Depot
Swan Hill Leisure Centre

Low Power Solution

Moore St Robinvale
Greenfield site between Nyah and Nyah West
Greenfield site between Tresco and Boga
Greenfield site between Piangil and Woodwood
CFA site at Boundary Bend

Preferred Site

It is unlikely that a medium or high power site will be available or suitable. Therefore the preferred site for Swan Hill is at the council depot. A 20m light duty steel pole will give enough height above the surrounding terrain to give suitable coverage. The equipment can be located within the depot. A vertically polarised transmission with ERP of 200W and an omnidirectional pattern will give an urban grade of service to most of the Swan Hill metropolitan area. The remainder of the metropolitan area will be supplied a suburban and rural grade of service. See attached coverage map. The coverage map was produced using Pathloss 4.0 prediction software and Auslig 9 second terrain data.

20m pole
250W Stereo Transmitter
Vertical Dipole antenna
Satellite antenna
Satellite Decoder
Mounts etc
Cable and connectors
Racking
Pole structural assessment
Alignment and Installation

1: Onsite install only. No travel costs included.