

Latrobe

Council Discussions

Discussions with Leo Billington from the Latrobe 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. They indicated that the coverage areas of interest were townships of Moe, Morwell, Traralgon, and possibly Churchill.

List of Potential Sites

High Power Solution

Broadcast Australia Site at Mt Tassie.
Haunted Hills Community FM site

Low/Medium Power Solution

Water Treatment Site Moe South
Moe Sports Centre
Moe Library
Morwell Council Office
Morwell Leisure Centre
Morwell Water Tower
Traralgon Water Treatment Plant
Traralgon Civic Centre

Preferred Site

The preferred site is Haunted Hills however it is unlikely that a medium or high power site will be available. Therefore the preferred sites are a number of low power sites within each township. The Churchill area will be supplied a rural grade of service from the combined transmissions from Traralgon and Morwell. If a higher grade of service is requested by council a site could be located on the Churchill Library or the Churchill Campus.

Preferred site for Moe is the Moe Library in Kirk St. 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 library. A vertically polarised transmission with ERP of 50W and an omnidirectional pattern will give an urban grade of service to most of the Moe township. The remainder of the area will be supplied a suburban and rural grade of service. See attached coverage map. The coverage map has been 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.

Preferred site for Morwell is the Morwell Council Office in Commercial Rd. 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 council office. A vertically polarised transmission with ERP of 50W and an omnidirectional pattern will give an urban grade of service to most of the Morwell township. The remainder of the area will be supplied a suburban and rural grade of service. See attached coverage map. The coverage map has been 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
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Cable and connectors
Racking
Pole structural assessment
Alignment and Installation

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Preferred site for Traralgon is Traralgon Civic Centre in Kay St.. 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 Civic Centre. A vertically polarised transmission with ERP of 50W and an omnidirectional pattern will give an urban grade of service to most of the Traralgon township. The remainder of the area will be supplied a suburban and rural grade of service. See attached coverage map. The coverage map has been 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.

