



InternetNZ Half Yearly Report

The Ngaruawahia wireless project has been progressing well over the last 6 months. Several things have needed to occur prior to investing in the infrastructure and we are in the process of finalizing those elements.

We are in the process of identifying a site with good line of sight across the Ngaruawahia Township to ensure good coverage across the community. We will also need good access to the site for maintenance work on the antenna. In scouting for appropriate sites, the Waingaro Quarry was identified a potential site for the antenna.

Web Access Waikato and Wanna Internet have since met with the owners of the Waingaro Quarry property (the Christian Youth Camp) and have secured an agreement to use the site for an antenna. Preliminary checks are now underway to ensure that even with foliage regeneration in spring, a good line of site will remain, making the wireless internet viable.



Web Access Waikato and Wanna Internet have also identified the aerial type that will be installed in Ngaruawahia. The installation typically comprises a steel pole of no more than 7m in height with solar panels and an equipment cabinet bolted to it. The design has been installed on many hilltop sites and has been found to be non-intrusive and due to its small size does not require Council consent.

This image of an aerial gives an impression of how it would look and how much space is

required. The model we would be using will not have a wind turbine so would take a little less room than the one pictured.

The MOU and Nondisclosure Agreement have been drafted ready for a legal opinion and work has begun to identify the potential clients for the prepay pilot.

Budget				
Item	Detail	Budgeted Cost	InternetNZ contribution	Spent
Researcher	Feasibility Report	\$3,000.00	\$0.00	\$0.00
Aerial Project	Wireless Aerial	\$25,000.00	\$0.00	\$0.00
Management	Regional Coordinator	\$5,600.00	\$5,000.00	\$2,000.00
Overheads	Printing/phone/power	\$500.00	\$500.00	\$200.00
Legal Advice	MOU/contract	\$1,500.00	\$500.00	\$0.00
Receiver Units	20 Internal units	\$10,000.00	\$3,000.00	\$0.00
Evaluation		\$3,000.00	\$0.00	\$0.00
Total		\$48,600.00	\$9,000.00	\$2,200.00
Total unspent			\$6,800.00	

The next stage of this project this to confirm the site and have a lawyer review the MOU's between Wanna and Web Access Waikato and between Christian Youth Camp and Web Access Waikato. We will also have the lawyer review the Reciprocal Nondisclosure Agreement. The Antenna will be erected (this will have a 2 week turn around) and we will then begin the installation of the internal receiver units. We are confident the project is progressing well.