

COMMUNICATIONS ANTENNAS

St-Edouard De Napierville, QC

Astral is a leading Canadian media company, reaching people through a combination of highly targeted media properties in television, radio, out-of-home advertising, and digital media.



With 22 television services, the Company is the country's largest broadcaster of English- and French-language pay and specialty television services. Astral is also Canada's largest radio broadcaster with 83 licensed radio stations in 50 markets in Canada. Astral Out-of-Home is one of Canada's most dynamic and innovative out-of-home advertising companies with nearly 8,000 faces located in the largest markets in Québec, Ontario and British Columbia. Astral also operates over 100 websites with a high level of interactivity and a variety of different products and services online.

<http://www.astral.com/en/home>

CJAD (Astral) radio station in Montreal has for years been trying to control the vegetation growth around its antenna locations in St-Edouard de Napierville, QC. For the safety of maintenance personnel, vegetation control has been a requirement for all companies with communication antenna sites. CJAD (Astral) decided to install Biobarrier at the base of the four antennas, along with the 24 tension retaining cables.



Biobarrier's performance is guaranteed for 15 years, but expect this period to last 25 and perhaps 30 years.



Biobarrier Installation

Four antennas measuring 720 feet in height



Cleaning the vegetation around the antenna base



Biobarrier installation around the enclosure



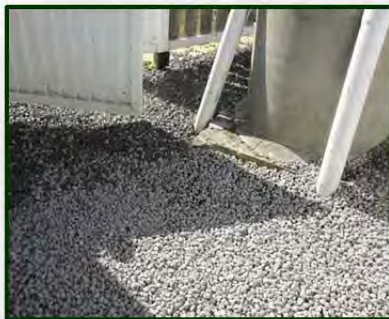
2" to 3" of stones placed over the Biobarrier membrane



Biobarrier installation inside the enclosure



2" to 3" of stones placed over the Biobarrier membrane



Biobarrier installation at the base of the retention cables



2" to 3" of stones placed over the Biobarrier membrane



Installation complete