

CBCC

CBCC is a solar repeater hanging in a tree beside the Constance Bay community center.

<https://yow.meshmapper.net/?repeater=09C520%2C45.49902%2C-76.09077&preset=all>

The goal of this repeater was to bring reliable MeshCore communication to the community center and surrounding trails in the Torbolton forest. Although it does work, it remains quite unreliable, and will need to be relocated again (its been moved around a fair bit).

This repeater is built using an off the shelf solar panel/battery pack combo designed for trail cams. Inside, there is enough room for the RAK 4631 radio, and an N-type connector for a Slinkdsco "alfa clone" dipole antenna. It hangs from a tree using some paracord and a repurposed hook as the hanging eye.

Operated by Mike Tunstall, username "rustinmyeye" on the Greater Ottawa Mesh Radio Enthusiasts Matrix/Discord bridge. Meshcore contact:

<meshcore://1100bfa75fe6550929ab20675d2a0d5a0657dd176d18d48b4c367de9731dab96a2afd069c06a89d46e1efbd5dfb5267c08ced890470d1a0d71bdafe72a0754fd98e9bdc511cfcb00350872c07c3031c0d5cb5344a94280d58ce7d9129f52e5ad520ca3838b0f91535bb6023fa276fb72757374696e6d79657965>