

Case Study

Exeloo and Flood Prone Areas

The Moree Plains Council is located in Northern New South Wales, Australia at the lower end of a large water catchment area. The recreational areas where they needed to have toilet facilities is prone to severe flooding but, because of the large catchment area, they can identify when a flood will occur with around four days' notice. They came to Exeloo for a solution that would allow them to put high tech self cleaning public toilets into these locations but avoid any damage to the electronic system when floods occur.



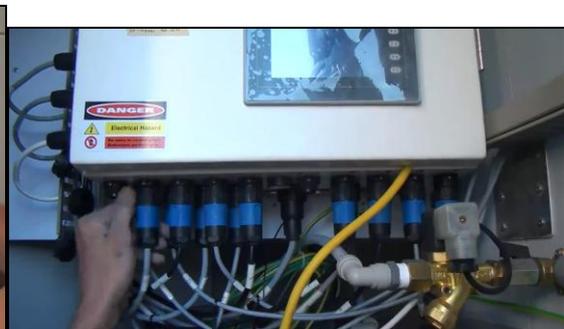
Exeloo toilet units are very robust and made from non-organic materials so they can withstand a flooding environment provided they are well secured to good foundations. There are many examples of Exeloo toilet facilities located on river banks and in flood prone areas where the water has flooded through the buildings. The building itself can normally be cleaned out with a water blaster after the flooding and put back into service but the electronic equipment often needs replacement or repair.



In this case, recognising that the Council would have several days' notice prior to any severe flooding, Exeloo developed a system where all of the electronic components, can be removed from the building by two Council staff within 15 minutes. Each item only needs to be unplugged and unclipped. The process includes the removal of the full control box which was also plugged into a high power socket.



The Council owns three Exeloo Saturn units and one Exeloo Jupiter twin unit. All of these are fully automated with self washing and electronic controls. Since their installation in 2001 and 2011, there have been several major floods in the area but on each occasion there has been no damage to any of the Exeloo units.





This innovative solution developed by Exeloo demonstrates the flexibility of the team and their ability to come up with solutions that suit a wide range of applications.