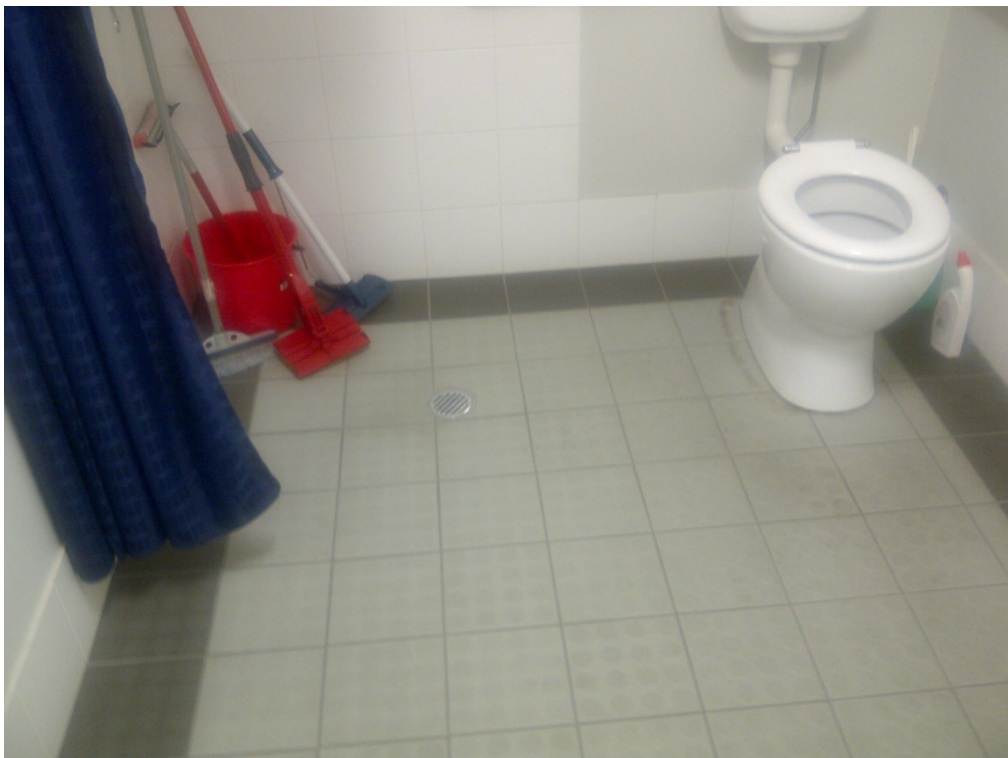


## **Case Study on Odour Emissions from Drains**

**Location:** Marine Energy Systems Pty Ltd, Rivergate Shipyard, 7/17 Rivergate Place, Murarrie 4172, Queensland

**Problem:** Since 2006 Aidan Clarke the owner of Marine Energy Systems had been trying to solve the problem with the foul odours in their bathroom. The odour was so bad that employees had complained that it was making them nauseous. The builder of the complex had organised for his plumber to replace the drainage connection for the toilet suite to be replaced to no avail. Odour blockers had been placed in the bathroom but they too were of limited value. The problem was particularly acute after weekends with the door having to be jammed open in an effort to get fresh air in the bathroom. The problem was particularly embarrassing when clients to the company viewing product in the showroom needed to use the bathroom.

**Solution:** In May 2011 Aidan Clarke contacted Whywait Plumbing in an effort to solve the problem. After a thorough inspection of all connections it was concluded the only place that the odour emission could be eventuating from was the floor waste.



As a result we contacted John Carroll from Eco Guardians to obtain his advice to see if a new product he had discussed with us previously would solve the problem. A Drain Guardian was supplied to us to fit into the floor waste. The Drain Guardian was installed easily with added bonus of replacing the existing grate cover.



Once installed water was poured down the floor waste ensuring there was a water seal in the Drain Guardian then the flexible duckbill was reinstalled followed by the grate.





The floor waste complete with Drain Guardian installed

The entire process of installation was completed to ensure the sceptical, long suffering Aidan Clarke that the Drain Guardian would provide greater protection to any form of odour emission from the floor waste and end the problem he had been enduring.

**Result:** Within one day the Drain Guardian had eliminated odour problems in the bathroom proving conclusively the problem that Marine Energy had been enduring had been the floor waste all along. Aidan Clarke now says, *“Drain Guardian should be compulsory on every floor waste in every bathroom as a clean bathroom environment cannot be under estimated. I have wasted incredible amounts of money on trying to solve this problem as it was a cause of acute embarrassment to me, our staff and to clients. Our bathroom is now a pleasure to enter with their being no odours at all thanks to a very simple solution in Drain Guardian.”*



A happy Aidan Clarke after the installation of Drain Guardian