

Aqueous Ozone (AO) and Enozo Technologies Help Massachusetts BSC Deal with Odor Issues at the MBTA

The Problem: Urine Smell

A local building service contractor in Massachusetts has had issues over the last decade with urine smell in the elevator shafts and tunnels due to the homeless relieving themselves in them daily. This is occurring in the MBTA public transportation stations in Boston, MA. The stations are remote and hard to get electricity and equipment into certain places.

The contractor was given EnozoPRO bottles to try in their operation to see what they could do with them. The bottles are rechargeable and don't need anything but tap water to make aqueous ozone - a great deodorizer.

The Solution: Aqueous Ozone (AO)

Aqueous ozone is biodegradable and reverts back to air, water and oxygen after use and leaves behind no residue. Aqueous ozone is not shelf stable and can't be made and put on a shelf for months. It is a type of onsite generated product.

Enozo has made the biodegradability of AO a non-issue as the EnozoPRO spray bottle gives you AO at the push of a button. The bottle can be filled in a sink, with a water bottle or a water fountain to make aqueous ozone. The solution is also less toxic and can replace stainless steel, glass and all-purpose cleaners as well as reduce chemical and solid waste. There are no synthetic chemicals in aqueous ozone, so dirt is not re-attracted to surfaces and your facility stays cleaner. Workers are also safer using AO.

Aqueous ozone is also a great deodorizer. The ozone molecule is unstable and one oxygen molecule loves to jump from the ozone molecule and attack soils and microbes, which causes odors and microbes to be eradicated or killed, so removal with a wipe is easy and effective.

Preliminary Results

The contractor has seen a significant reduction in odor due to urine in the test facility and is encouraging that aqueous ozone and EnozoPRO can help them in all the facilities for the MBTA that they clean to keep public health a priority. Testing will be ongoing and a transition to using more AO products in the MBTA system is planned.