

SANUVOX

Case Studies

Oxford Property

2017

The Case

Removing sewage and wastewater odors from Oxford property in Toronto.

The Problem

The building owner has to pump sewage and grey water up 40 feet to meet the city's infrastructure. The odors from this room were being vented into the garage area, and as such were being sucked up by the elevator shaft to apartment floors. They were going to have to build a duct system to vent the garage area up 30 stories at a cost of \$300,000 to vent the area properly.



Standard Garbage Room

**WITHOUT UV
INSTALLATION**

Was planning to spend
\$300,000

**WITH UV
INSTALLATION**

Actual spent was
\$7,000

Comparative table 1.0



Sanuvair® S300 OZD Odor Removal Unit

Sanuvox Customized Solution

Sanuvox introduced the SANUVAIR® S300 OZD into the space, complete with a hydroxyl controller that automatically reacts to a concentration of 0.025 ppm.

This odor removal unit was able to recirculate the air continuously in front of the UVC and UVA lamps, thus preventing the proliferation of harmful bacteria and neutralizing bad odors emanating from garbage putrefaction.

Conclusion

The odor situation was removed in about a day and the customer spent about \$7,000 vs \$300,000 for the solution.