



## The Challenge

Odour control in and around lift stations and waste treatment plants has become an increasingly ubiquitous issue over the past few years. Lift stations are being built within 100 feet of new neighbourhoods. These facilities need to consider removing odours during the design phase or else risk a constant barrage of complaints from new home owners.

## The O'Dell Solution

To avoid foul odours escaping into the local airstream and an onslaught of complaints from unhappy neighbours, O'Dell provided an oxygen-fed ozone generation solution during the design phase that mitigates this problem.

Ozone is generated and blended with the foul airstream in a chamber or exhaust stack that is sized to give it a calculated reaction time. The result is over 95 percent removal of the odour, which is exhausted straight into the atmosphere. The ozone that doesn't get used simply turns back to oxygen in a matter of minutes, leaving no by-products or residue for disposal.

There are no chemicals going down the drain, no messy carbon to change and no biocides or anaerobic bacteria to increase or decrease the amount of biological activity required. And it is standard practice to maintain the ozone equipment just two or three times per year.

In our next post, we'll compare the various ozone technologies available on the market today. If you can't wait, contact us for more information about the Ozonotech solution that we deliver.

The Greenway wastewater treatment plant, in London, Ontario is one of eight facilities processing local wastewater.

Like other such plants, it was built in close proximity to residential areas, which presented a challenge in terms of odour control.

**ozonotech.**

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