

# **Ecolo Investigates...**

## **Food Processing Plant**

### ***The Problem***

**Odorous emissions, generated by a Food Processing Plant (pet food) located in South-Western Ontario caused a significant number of complaints from area residents.**



### ***The Solution***

**Ecolo installed an EP system with 8 spray nozzles, placed on the top of the exhaust duct. Initially, two off-the-shelf Ecolo airSolution formulations were tried, while an improvement was noted, the odor reduction was not sufficient.**

**The mitigating problem was then determined to be the very high temperature of the odorous gas (above 100°C), emitted through the duct above. We realized that at such a high temperature, airSolution containing alcohol evaporated instantly, prior to contacting the odorous gases.**

### ***Conclusion***

**As a result of these findings, Ecolo developed a new airSolution formulation that had the capacity to neutralize disagreeable odors at elevated temperatures. Our customer administered the new product formulation and found it to be highly effective, with the result being that their odor problem was solved.**

***Breathe Easier with Ecolo® Odor Control Systems***