



## New England Apple Juice Processor Solves Odor Problems with MICROBE-LIFT® Technology

**Location:** Apple Juice Processor, New England

**Background:** A very large New England apple juice processor, located in a heavily populated area, was facing fines and possible shutdown if the factory was not able to reduce odors from its wastewater pre-treatment facility.

**Objective:** After investigating the potential of bioaugmentation technology to increase the efficacy of wastewater treatment, the processor turned to **Ecological Laboratories’ MICROBE-LIFT®** technology to attempt to resolve their problem.

A shock treatment of 100 ppm MICROBE-LIFT® formulation was dosed to the 700,000 gallon aeration tanks on day one. The impact on odor was dramatic showing odor reduction within three hours. Thereafter, a declining dosage schedule was prescribed as follows:

Time	Dosage
Day 1	100 ppm
Day 2	50 ppm
Day 3	5 ppm
Day 4 & thereafter	5 ppm

**Results Achieved:** This plant avoided fines and possible shutdown after MICROBE-LIFT® resolved their odor problem in less than a week of treatment. The plant continues to use a maintenance dose to avoid future recurrence of odor problems.

For more information on MICROBE-LIFT® Technology contact  
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