

CASE HISTORY

CLIENT:	Petro-Chemical
LOCATION:	Ontario, Canada
APPLICATION:	Odor Control
PRODUCT:	LemTec™ Modular Insulated Tank Cover System

BACKGROUND

A major Canadian employer, whom specialized in manufacturing and processing a variety of petroleum and chemical products, was facing encroachment by an ever-expanding residential neighborhood. The production facility was bordered on two sides by up-scale homes. Those homes were subjected to problem odors when the



winds shifted, causing a continuous array of complaints across town. The employer identified two above ground tanks that held “process” water as the source of the problem. A decision was made to correct the problem in the most timely and cost effective means possible. A corrective approach was developed to install one cover, observe the results, and then depending upon the outcome, install the second.

PROJECT INFORMATION

The project posed several unique problems. Tight time constraints, limited access, above ground tanks and in-tank piping required each cover to be custom designed to accommodate the unique features of each tank. The metal tanks were approximately 30 feet high and 60 feet across. One tank was completely empty,

while the other held approximately 4 feet of process water. Installation method was developed to accommodate both dry and wet installation environments.

LEMTEC™ SOLUTION

Lemna designed a cover that was 80% pre-fabricated in the plant, thus requiring minimal assembly on site. In fact, most of the remaining assembly was done outside of each tank. The assembled components were then lifted by crane, and set in place. Each cover was installed in less than a half a day, requiring only basic hand tools.

RESULTS

The employer was impressed with the immediate results of the “friction fit” cover. They ordered the second cover within the month. Complaints of odors ceased, satisfying both the town and employer.

For more information, please contact:

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