

**OZONE TREATMENT OF FIRE DAMAGE (SMOKE)**  
**OZOFRESH – Middleton WI**  
**11/27/05 – Lincoln NE – Arson Fire**

**Equipment:** CD12000 – 1/2 generator fed with 2 Workhorse 15C and 1/2 with LPSA60.  
(2) P2000 fed with 15C's all connected to 1 ozone delivery line.  
(2) portable cart units with P2000 fed with 15C's diffusing into fan units.

Equipment is housed in a portable trailer and owned by Dennis Thompkins / Ozofresh. Dennis is certified by the state of Wisconsin to test and identify mold and does mold and odor remediation. Dennis was recommended when Wood Bros called with the smoke damage application.

**Problem:** Arson fire in records room of financial group. Excessive smoke odor in 74,000 sq ft, 4 floor office building. Ceiling tiles were discarded and building was cleaned with the exception of the records room as it is a crime scene and no entry was allowed. Time frame was Friday after 5 until Sunday nite.

**Solution:** Saturate with high levels of ozone gas.

**Process:** Starting Friday nite pumped full ozone capabilities into records room for 4 1/2 hours on first floor then ran portable carts only for rest of night. Saturday moved all equipment to 4<sup>th</sup> floor (least smoke smell) and ran up to 16.4 ppm as shown on handheld meter. This floor was done by pumping ozone into hallways with all office doors open. Floor 3 through 1 was done by pumping gas into each office individually finishing with the stairwells on Sunday afternoon at 2pm.

**Results:** Oxidation of smoke odor in a 74,000 sq. ft. office building in 2 1/2 days. No detectable odor remained. Insurance company very pleased with results and will use Ozofresh again in the future.