

# Case Study: Mold Remediation

Remove mold spores completely without messy clean up



## The Cold Jet Solution

The 1,500 sq ft area was cleaned in 3 days (1 day blasting time, 1 day for set up, and 1 day for clean up).

Blasting was done at 4 lbs/min, providing the most effective removal rate.

The complete process for mold remediation with Dry Ice Blasting:

- Remove all contents from area
- Thorough HVAC of the area
- Dry Ice Blasting
- Thorough HVAC again

Remediators can effectively and efficiently remove mold from multiple right angled surfaces in a single pass – this is not possible with hand sanding. Dry Ice Blasting allows access into tight areas that may otherwise be inaccessible such as 3”-4” gaps in framing and in cleaning rim joists above the concrete stem walls.

## Benefits of Dry Ice Blasting

- Best mold removal technology
- Replaces time consuming sanding and scraping process
- Clean in places other methods cannot - between beams and sheathing
- Reduces biocide and encapsulation
- Safer for operator with less fatigue
- 99.9% mold spore removal

## CUSTOMER COMMENTS

*“We went with Cold Jet after seeing the problems another franchisee was having with another company’s machine. We haven’t any problems with our Cold Jet, it works great and we love it. I know some people use soda blasting..., but the clean-up is a mess afterward, dry ice blasting is the way to go”*

**Jason Camerano**

Servpro of North Worcester

## CASE SUMMARY

### COST SAVINGS

For a 1500 sq ft remediation job - 56%

- Sanding process: \$9,000
- Dry Ice Blasting: \$4,000

### LABOR SAVINGS

For a 1500 sq ft remediation job - 40%

- Sanding process: 5 days
- Dry Ice Blasting: 3 days - can clean areas where sanding was not possible
- What would have required 6 men to do the job now requires only 2 men - 67% reduction

### ELIMINATED DAMAGE

Replaced sanding and scraping method which is very time consuming and adds limitations to the places you can reach to clean.

### AMAZING ROI

One job is approximately 3-5 days and bills to customer \$4,000-\$5,000. The ROI of a Cold Jet system is 4-5 jobs.

### COLD JET SYSTEM

- AeRO 40
- 523 SF
- 807 SL
- MS-045
- 223 SL

## The Traditional Problem

When a structure has evidence of mold it needs to be remediated for two reasons:

- Mold can cause significant health problems
- Mold is an organic decomposer therefore as it grows, it will damage the structure it is growing on

Mold spores must be completely removed or killed to eliminate health concerns. Because mold typically grows in hard to reach and hard to access spaces it is challenging to remediate with traditional methods.

Traditional cleaning methods involve sanding and scraping to remove staining and mold that is embedded in the wood. This process is very time consuming and causes many challenges to get into the small spaces where mold can grow. Sand or soda blasting create mess, poor visibility and a lot of clean up.

## The Situation

Based on 1500 sq ft of space to be cleaned, the estimated remediation time with sanding and scraping was approximately 5 days.

The complete process for mold remediation by hand sanding and scraping:

- Remove all contents from area
- Thorough HVAC of the area
- Sand the wood to expose virgin wood, untouched by mold
- Apply biocide to wood and let dry 1 day
- Apply encapsulation to ensure mold spores do not regenerate
- Thorough HVAC again