



PROPERTY RESTORATION

**Case Study: MINERAL COUNTY HIGH SCHOOL
Hawthorne, Nevada**

Loss Event: Faulty Roof Drain

Damage: Water Damage

THE PROBLEM

A faulty roof drain caused water to intrude on the Mineral County High School gymnasium floor in Hawthorne, Nevada. The original floor built in 1960 - herring bone wood flooring - began to buckle and an experienced restoration contractor was needed.

THE SOLUTION

After a damage assessment, BELFOR Property Restoration discovered that the hardwood flooring was laid over a polyurethane athletic surface, over slab. In the 1960's, mercury was a common element in the manufacture of polyurethane athletic surfaces, much like lead in paint.

BELFOR contacted a local hygienist who sent site samples to a lab in New York. Because it was contained by the floor overlay, the mercury levels were found to be at acceptable levels per OSHA (Occupational Safety and Health Administration) and federal/state standards.

To avoid compromising the substrate containing mercury, only new flooring could be installed over the old flooring. Even if the old flooring could be removed safely, the herring bone wood flooring was no longer in production. BELFOR decided to dry the floor in place using dehumidifiers, standard air movers, and tenting on the impacted flooring.

After the floor was dried, BELFOR installed a new tongue and groove OSB (oriented strand board) overlay with a new hardwood floor over the existing floor. This action saved significant money without sacrificing safety for the school district and insurance PACT/pool.



24/7 Emergency Number

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