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Water, Fire, Mold, Asbestos Experts

Central Oregon Disaster Restoration Publishes Comprehensive Case Study on Multi-Area Water Damage from Bathtub Drain Failure

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Central Oregon Disaster Restoration has released a detailed case study documenting the extensive restoration process required when a failing bathtub drain caused water damage that spread from a master bathroom through the subfloor and into the crawlspace of a residential property in Bend, Oregon.

The Bend bathtub drain water damage case study reveals how a seemingly minor plumbing issue evolved into significant structural damage requiring comprehensive restoration across multiple areas of the home. The quietly failing drain allowed water to seep through grout lines and penetrate the subfloor, eventually saturating crawlspace insulation and compromising the floor assembly beneath both the bathroom and an adjacent bedroom.

The restoration project demonstrated the complexity of addressing water damage that extends beyond visible areas. Central Oregon Disaster Restoration's team conducted a thorough assessment that revealed moisture readings far exceeding acceptable levels throughout the affected zones. The damage assessment showed saturated insulation in the crawlspace and compromised structural elements that required immediate

attention to prevent mold growth and further deterioration.

"When water damage extends into hidden areas like crawlspaces, the restoration process becomes significantly more complex," said Corky, speaking for Central Oregon Disaster Restoration. "This case study demonstrates why professional assessment and comprehensive restoration are critical. What starts as a small leak can compromise the structural integrity of multiple rooms if not properly addressed."

The restoration process required complete removal of the bathroom's fixtures and finishes, including tile flooring, shower, bathtub, bench, cabinets, countertops, wet drywall, and wall insulation. All plumbing fixtures were disconnected and capped to prevent further water intrusion. In the crawlspace below, the team removed all saturated insulation, cleaned and treated floor joists with plant-based antimicrobial solutions, and deployed industrial drying equipment.

The drying phase extended for 16 days, with continuous monitoring of moisture levels throughout the affected structure. Only after verified moisture readings confirmed the structure met industry standards for dryness did the team proceed with installing new insulation. Notably, the entire restoration was completed by a single in-house crew without subcontractors, ensuring consistent quality control and communication throughout the project.

The case study emphasizes the importance of thorough documentation at every restoration stage, particularly for insurance claim purposes. Detailed photographic evidence and moisture readings were collected throughout the process, providing clear documentation of both the damage extent and the restoration progress.

This publication reinforces the critical nature of prompt professional intervention when water damage occurs. The case study serves as an educational resource for property owners, demonstrating how water damage restoration Bend professionals approach complex multi-area damage scenarios.

Central Oregon Disaster Restoration provides emergency water damage restoration, fire damage restoration, mold removal, and other disaster recovery services throughout Central Oregon. The company has served the region since 2006, maintaining an A+ rating with the Better Business Bureau and offering 24/7 emergency response services to residential and commercial properties in Bend, Redmond, Prineville, Sisters, and surrounding communities.

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Central Oregon Disaster Restoration

Central Oregon Disaster Restoration is a locally owned restoration expert with 20 years of experience. Available 24/7 with 60-minute response times for water damage, fire damage, asbestos removal, storm damage, crime scene cleanup, and rebuilds.

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