

ENVIROGYN ACCREDITED MICROBIOLOGY LABORATORY TDLR

REDACTED SAMPLE CERTIFICATE OF ANALYSIS - ASTM D7391 SPORE TRAP REPORT

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LABORATORY DIRECTOR: Dr. Charles Lehnhoff, MLSASCP CM #25407471

ACCREDITATION: TDLR Mold Analysis Laboratory #1050 | AIHA EMLAP Quality System

ANALYTICAL METHOD: ASTM D7391-20 Optical Microscopy @ 600x - 1000x Magnification

SAMPLING FLOW RATE: 15.0 L/min x 5.0 min = 75.0 Liters Total Air Volume

SAMPLE 01: OUTDOOR BASELINE EXTERIOR AMBIENT CONTROL

- Cladosporium spp.: 420 spores/m3 Normal Outdoor Ecology
- Basidiospores: 280 spores/m3 Normal Outdoor Ecology
- Ascospores: 160 spores/m3 Normal Outdoor Ecology
- Aspergillus / Penicillium: 53 spores/m3 Baseline Trace
- Stachybotrys chartarum: 0 spores/m3 None Detected

TOTAL OUTDOOR FUNGAL SPORES: 913 spores/m3

SAMPLE 02: INTERIOR CEILING / HVAC RETURN ZONE PRE-REMEDICATION

- Aspergillus / Penicillium: 6,840 spores/m3 [ELEVATED - AMPLIFICATION]
 - Stachybotrys chartarum: 480 spores/m3 [CRITICAL WATER-DAMAGE MARKER]
 - Chaetomium spp.: 120 spores/m3 [ELEVATED CELLULOSE MARKER]
 - Cladosporium spp.: 180 spores/m3 Below Outdoor Baseline
- TOTAL INDOOR FUNGAL SPORES: 7,620 spores/m3 [ACTION REQUIRED - 16 TAC 78.54]

SAMPLE 03: POST-REMEDICATION VERIFICATION PRV CLEARANCE AIR SAMPLE

- Aspergillus / Penicillium: 27 spores/m3 [PASS - BELOW OUTDOOR BASELINE]
- Stachybotrys chartarum: 0 spores/m3 [PASS - ZERO TOXIGENIC MARKERS]
- Chaetomium spp.: 0 spores/m3 [PASS - ZERO MARKERS]
- Total Indoor Spores: 147 spores/m3 [PASS - CLEARED FOR MDR-1]

STATUTORY NOTICE: Under 16 TAC 78.54, Envirogyn maintains an unbreachable conflict-of-interest firewall. To schedule testing call 281 694-5742.