

Sentry Construction Company Dehumidification and Structural Drying Record



Job Name: Water Damage

Address: Anywhere in Middle Georgia!

Job # 06679

Monitoring equipment used:

- Moisture meter - Dri-eaze Moisture Pro with penetrating probes
- Moisture meter - Dri-eaze Non Penetrating Moisture Encounter
- Hygrometer - Mannix Digital Sling Psychrometer/Thermo Hygrometer Model SAM990DW

Drying equipment set:

- 4 Days 1 ea. - Dri-eaze 2400 extra large capacity dehumidifier
- 4 Days 1 ea. - Dri-eaze 1200 large capacity dehumidifier
- 4 Days 2 ea. - Phoenix 300 extra large capacity dehumidifier
- 4 Days 1 ea. - Drieaz Dritec Desiccant dehumidifier
- 4 Days 8 ea. - High volume air mover
- 4 Days 2 ea. - Dri-Force wall drying system with hepa filtration system

Structural measurements:

Date:	10/11	10/12	10/13	10/14	10/15
Room/area:	Readings	Readings	Readings	Readings	Readings
Bath floor	32.5	21.2	19	17.9	14
Bath wall	39	19.1	14		
Bedroom 1 floor	36.5	22.1	17.1	13.2	
Bedroom 1 wall	32	26.3	19.4	15.2	13.1
Hall floor	36.4	25.2	22.5	19.3	14.2
Hall wall	37.4	30	22.4	16.7	13.5
Bedroom 2 floor	33.8	28	23	19.2	14
Bedroom 2 wall	31.6	27.7	20	15.8	13.1
Stair treads	27.3	24.2	18.6	14	
Living room floor	32.4	26.1	22.1	19	14.8
Living room wall	35.2	28.9	24.9	22.7	14.9
Kitchen floor	36.2	28.4	23	20	14.2
Kitchen wall	40	27.8	14.1	14.1	
Kitchen ceiling joists	35.8	26.9	22	18	14.3
Laundry floor	37	29	24.2	21	15
laundry wall	39.1	32.1	25	15	
Laundry ceiling joists	36	29.7	24.1	18.7	14.9
Garage ceiling joists	39	30.8	26.2	22	15
Garage wall	38.7	35	30	21.1	14.7

Spot check of other materials in these rooms revealed them to be in the same general range as these materials.

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Atmospheric measurements:

Outside:	Temp. °F	61.5	86.9	76.1	81.8	71.1
	RH %	90	55	58.7	48.4	37.6
Inside:	Temp. °F	72.9	88.7	90.9	89.6	94.1
	RH %	80	50.5	48.1	39.7	29.3

Notes:

Day 1: Take atmospheric & structural measurements. **Kitchen:** Remove crown molding from wall cabinets, ceiling light fixture, wet drywall ceiling, wallpaper from wet walls, baseboard and vinyl floor covering. Pack out pantry closet, remove drywall ceiling, door trim & drywall from door header. Drill wet wall cavities for Dri-force wall drying system. **Laundry room:** Remove bi-fold door, vinyl floor, drywall from ceiling, washer & dryer. Drill wet wall cavities for Dri-force wall drying system. **Garage:** Move & cover contents. Remove drywall ceiling. Remove wet ceiling insulation. **Living room:** Move contents from wet area. Extract water from carpet. Remove wet carpet & padding. Remove wet wall insulation from HVAC return. Drill wet wall cavities for Dri-force wall drying system. **Bedroom 1:** Move contents to dry area. Extract water from carpet, Remove wet carpet & pad. Drill wet wall cavities for Dri-force wall drying system. **Bedroom 2:** Move contents as needed. Extract water from carpet. Remove wet carpet & pad. Cut opening in closet wall to access area under bath tub. Drill wet wall cavities for Dri-force wall drying system. **Bathroom:** Remove sink & vanity. Remove baseboard & vinyl floor. **Hall & stairs:** Extract wet carpet. Remove wet carpet & pad. Drill wet wall cavities for Dri-force wall drying system. Apply antimicrobial solution to all wet areas. Set up drying equipment. Perform equipment test for operational efficiency.

Day 2: Check equipment. Take atmospheric & structural measurements.

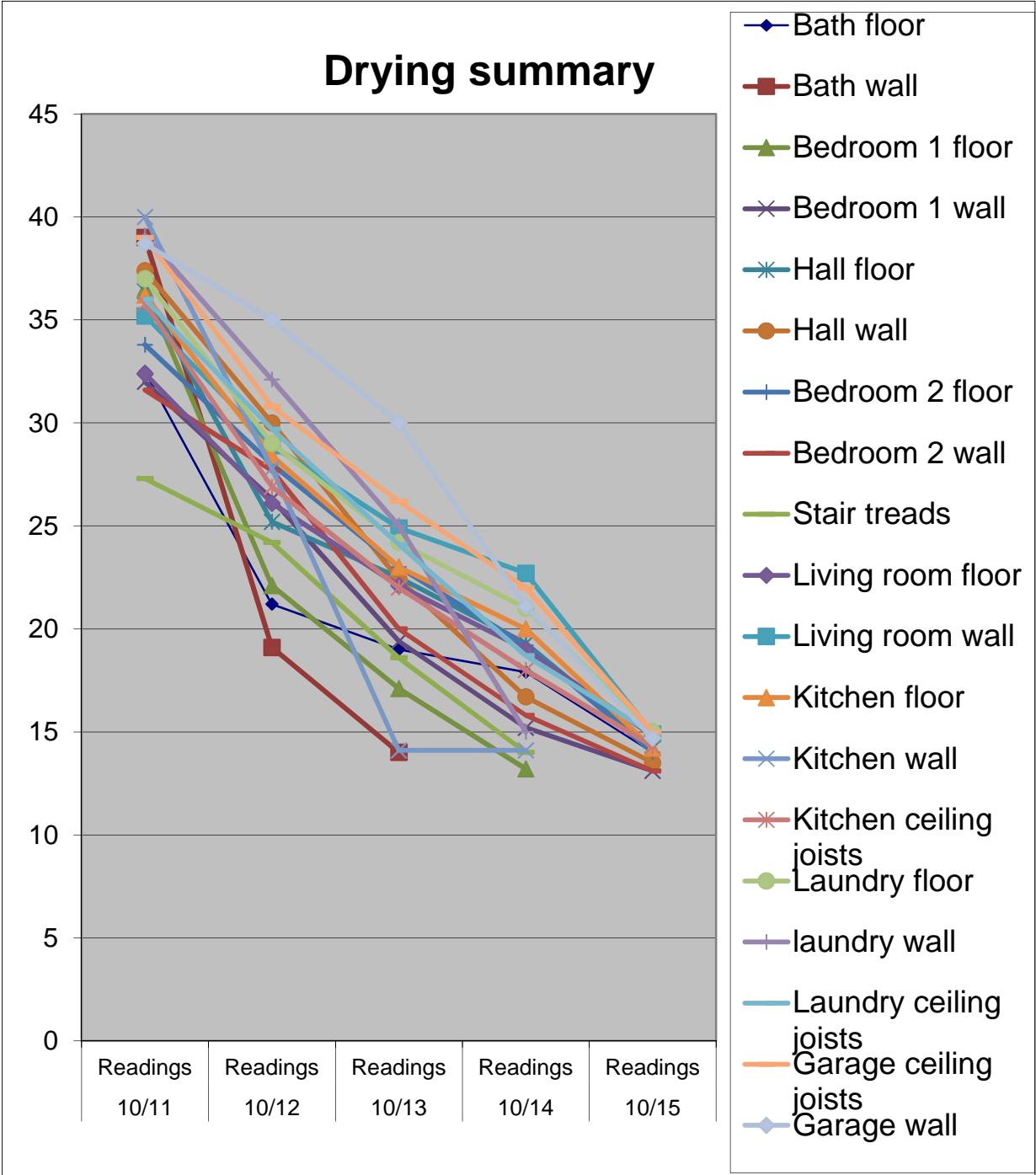
Day 3: Check equipment. Take atmospheric & structural measurements. Remove baseboard, trim, drywall & wet insulation from laundry room and garage walls.

Day 4: Check equipment. Take atmospheric & structural measurements.

Day 5: Check equipment. Take atmospheric & structural measurements. Determined structure to be dry.

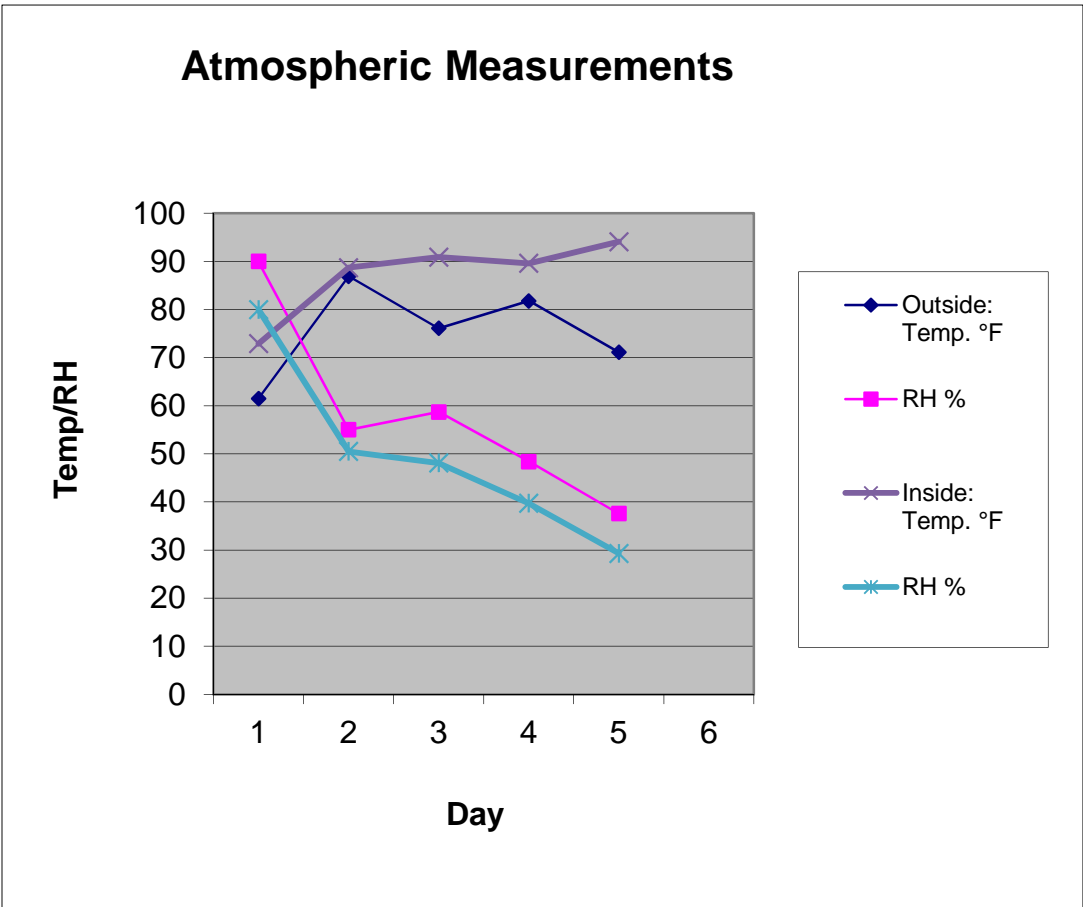
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