



1839 Atchison Drive  
 Norman  
 OK  
 USA

Encircle Hydro Full Report [City of Norman - Central Library - 9/22/24](#)

## Policyholder

<b>Name</b>	<b>Phone Number</b>	<b>Address</b>
City Of Norman - Central Library	--	103 West Acres Street, Norman, OK, USA

## Claim Details

<b>Carrier Identifier</b>	<b>Contractor Identifier</b>	<b>Assignment Identifier</b>
City of Norman - Central Library - 9/22/24	--	--
<b>Project Manager</b>	<b>Date of Loss</b>	<b>Date Claim Created</b>
--	Sep 22, 2024	Sep 22, 2024
<b>Insurance Company</b>	<b>Adjuster</b>	<b>Policy Number</b>
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<b>Source of Loss</b>	<b>Initial Category of Water</b>	
Water Intrusion from Rain Storm	Category 1	

## Calculations

### Dehumidifier Calculator




Atmosphere	Class of Water	Atmosphere Volume	Recommended AHAM Pints/Day
303 Storage	Class 1	2700 ft <sup>3</sup>	44 pints/day
3rd Floor Main area	Class 1	66000 ft <sup>3</sup>	1348 pints/day
201 A Staff Only	Class 1	19250 ft <sup>3</sup>	236 pints/day
Staff Only 212	Class 1	5940 ft <sup>3</sup>	121 pints/day
233 Study Room	Class 1	810 ft <sup>3</sup>	17 pints/day
2nd floor Common Areas	Class 1	1440 ft <sup>3</sup>	29 pints/day
Childrens Area SE Corner	Class 1	2600 ft <sup>3</sup>	53 pints/day
Childrens Area South Windows	Class 1	2000 ft <sup>3</sup>	33 pints/day
Childrens Area Middle Column	Class 1	1000 ft <sup>3</sup>	16 pints/day
149 Storytime	Class 1	37665 ft <sup>3</sup>	769 pints/day
115 Staff Only	Class 1	18000 ft <sup>3</sup>	294 pints/day
133	Class 1	1139 ft <sup>3</sup>	23 pints/day

### Air Mover Calculator



Area	Floor	Ceiling	Walls	Insets or Offsets	Recommended
303 Storage	9 ft <sup>2</sup>	0 ft <sup>2</sup>	14 ft <sup>2</sup>	0	2 air movers
3rd Floor Main area	16 ft <sup>2</sup>	0 ft <sup>2</sup>	0 ft <sup>2</sup>	0	2 air movers
201 A Staff Only	0 ft <sup>2</sup>	0 ft <sup>2</sup>	16 ft <sup>2</sup>	0	2 air movers

Area	Floor	Ceiling	Walls	Insets or Offsets	Recommended
2nd floor Common Areas	5 ft²	0 ft²	5 ft²	0	2 air movers
Staff Only 212	0 ft²	0 ft²	6 ft²	0	1 - 2 air movers
233 Study Room	2 ft²	0 ft²	3 ft²	0	1 - 2 air movers
Childrens Area SE Corner	3 ft²	0 ft²	22 ft²	0	2 air movers
Childrens Area South Windows	0 ft²	10 ft²	0 ft²	0	2 air movers
Childrens Area Middle Column	0 ft²	5 ft²	0 ft²	0	1 - 2 air movers
149 Storytime	1 ft²	2 ft²	0 ft²	0	1 air mover
115 Staff Only	6 ft²	0 ft²	0 ft²	0	2 air movers
133	1 ft²	0 ft²	0 ft²	0	1 air mover

Exterior

#	Time	Relative Humidity	Specific Humidity	Air Temperature	Notes & Photos
1	Sep 22, 4:38 PM	99%	108.5 gpp	69.8°F	Active Rain 
2	Sep 23, 7:28 PM	57%	72.9 gpp	74.6°F	
3	Sep 24, 4:24 PM	50.3%	67.5 gpp	76.1°F	
4	Sep 25, 1:50 PM	39.1%	62.6 gpp	81.5°F	

### Unaffected Area Readings

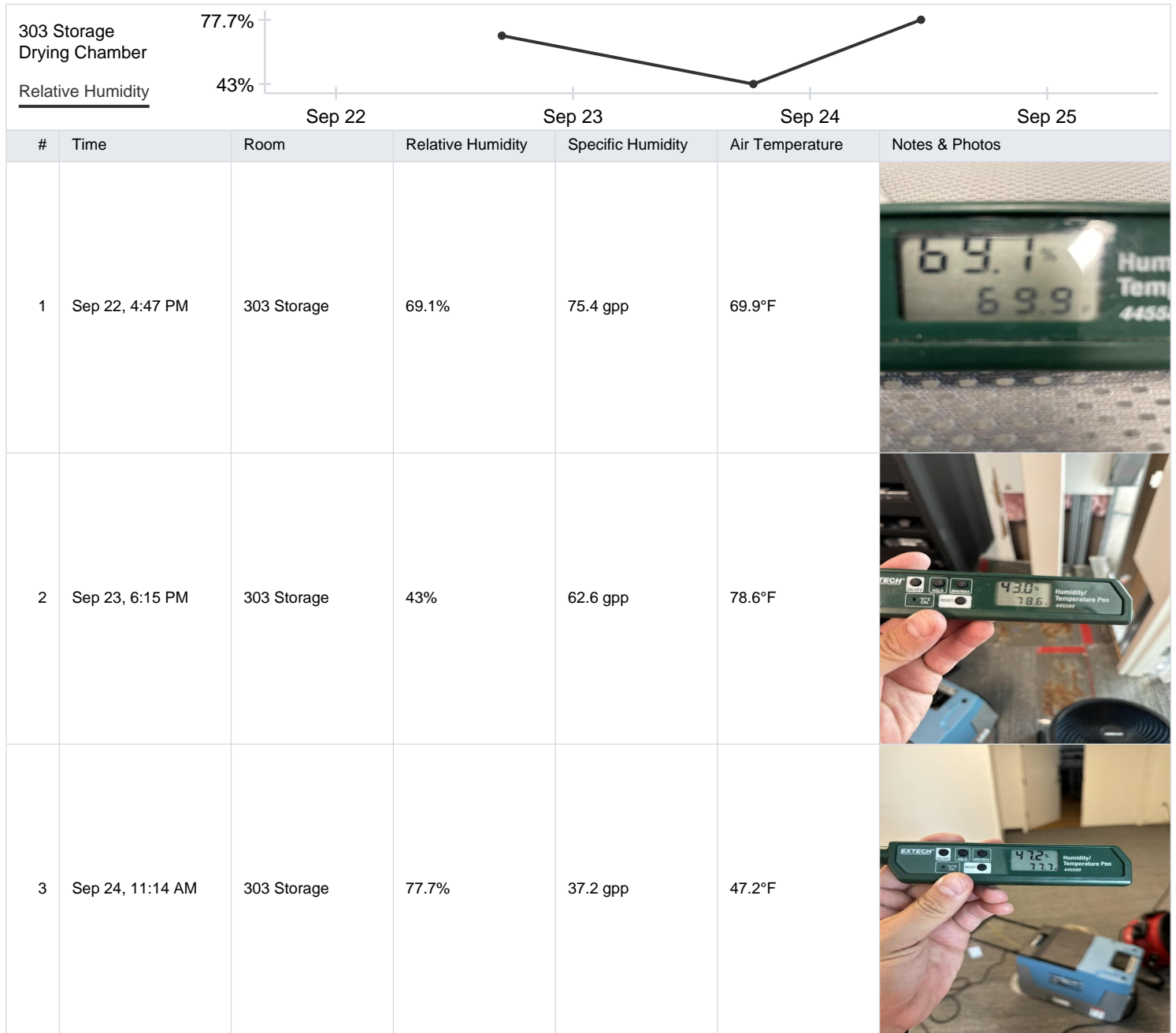
#	Time	Room	Relative Humidity	Specific Humidity	Air Temperature	Notes & Photos
1	Sep 23, 7:26 PM	307 Literacy	49.9%	72.4 gpp	78.4°F	
2	Sep 25, 1:33 PM	307 Literacy	48.1%	66.7 gpp	77.1°F	

### Unaffected Area HVAC Readings

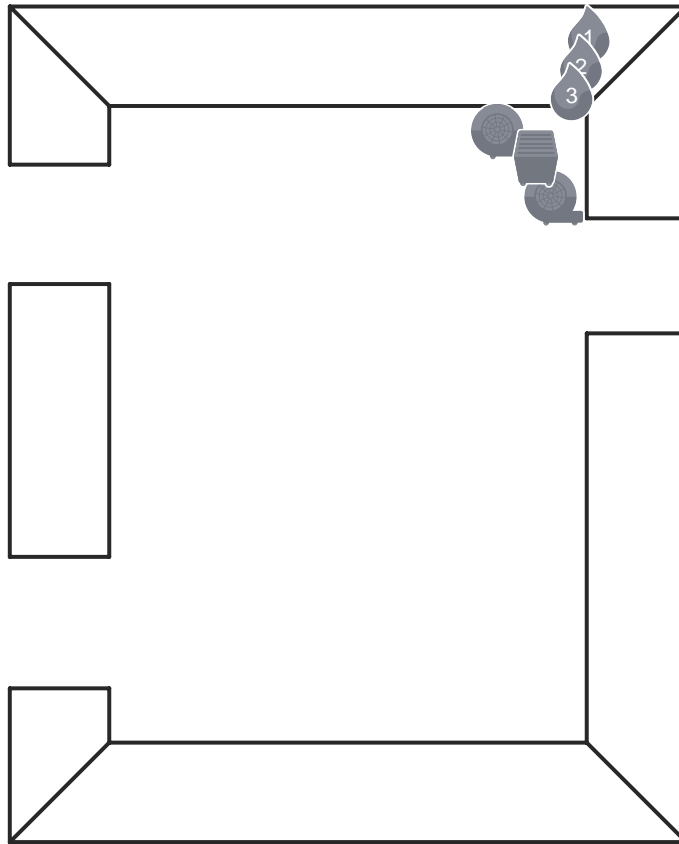
#	Time	Room	Relative Humidity	Specific Humidity	Air Temperature	Notes & Photos
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# Drying Chamber: 303 Storage

## Affected Area Readings



Affected Area: 303 Storage



Point 1:

1: Drywall


Flir 100%

Dry Standard: 13.2%

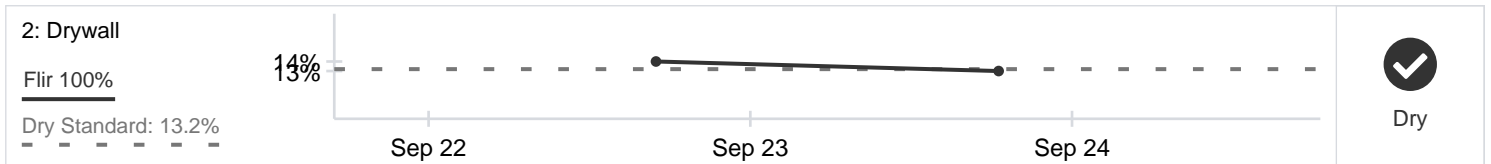
Date	Moisture Content (%)
Sep 23	15%
Sep 24	~14.5%
Sep 25	~13.5%

Dry

#	Time	Meter	Moisture Content	Surface Temperature	Notes & Photos
1	Sep 22, 4:56 PM	Flir 100%	15%	64.8°F	

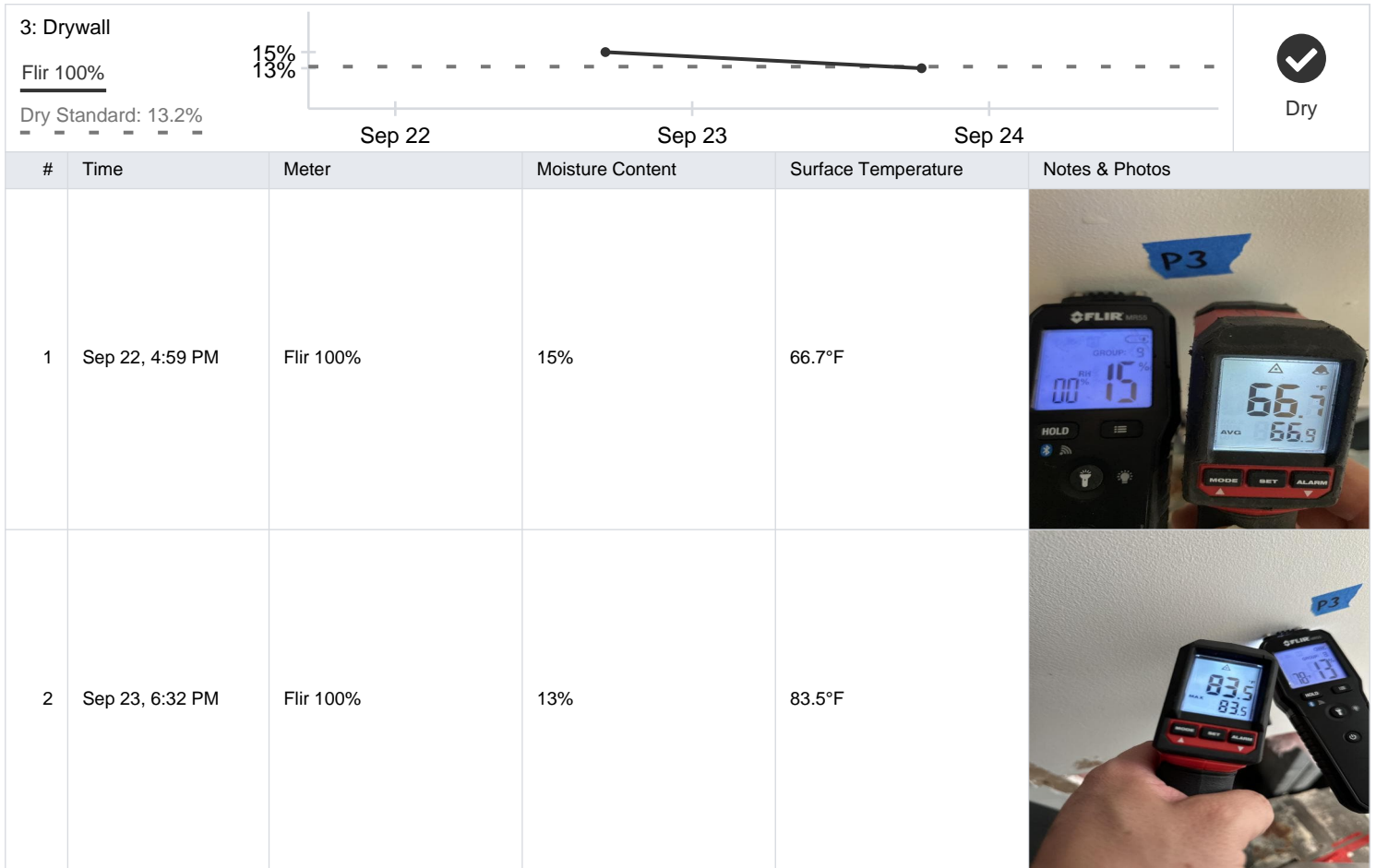
#	Time	Meter	Moisture Content	Surface Temperature	Notes & Photos
2	Sep 23, 6:31 PM	Flir 100%	14%	81°F	
3	Sep 24, 11:16 AM	Flir 100%	12%	80.1°F	

Point 2:



#	Time	Meter	Moisture Content	Surface Temperature	Notes & Photos
1	Sep 22, 4:57 PM	Flir 100%	14%	65.1°F	
2	Sep 23, 6:31 PM	Flir 100%	13%	81.9°F	

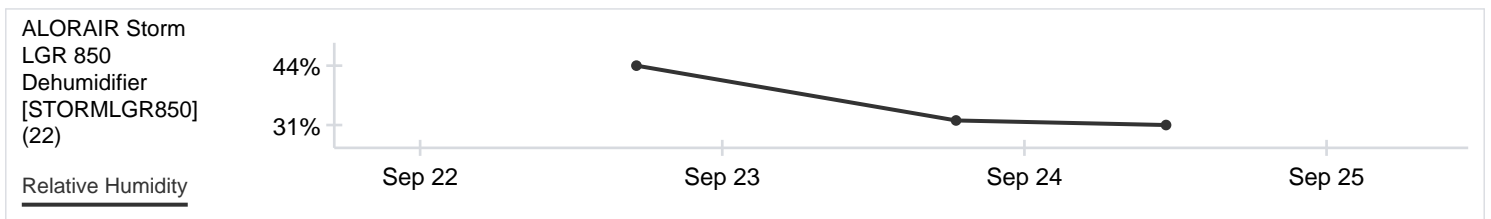
Point 3:



Equipment List: 303 Storage

Dehumidifier: ALORAIR Storm LGR 850 Dehumidifier [STORMLGR850] (22)

Placed	Removed	Power	Energy usage	Days on site
Sep 22, 4:59 PM	Oct 1, 8:24 PM	0 kW	0 kWh	10 days



#	Time	Relative Humidity	Specific Humidity	Air Temperature	Grain Depression	Hours Running	Notes & Photos
1	Sep 22, 5:10 PM	44%	62.8 gpp	78°F	13 gpp		
2	Sep 23, 6:34 PM	32%	59.2 gpp	86°F	3 gpp		
3	Sep 24, 11:14 AM	31%	57.3 gpp	86°F	-20 gpp		

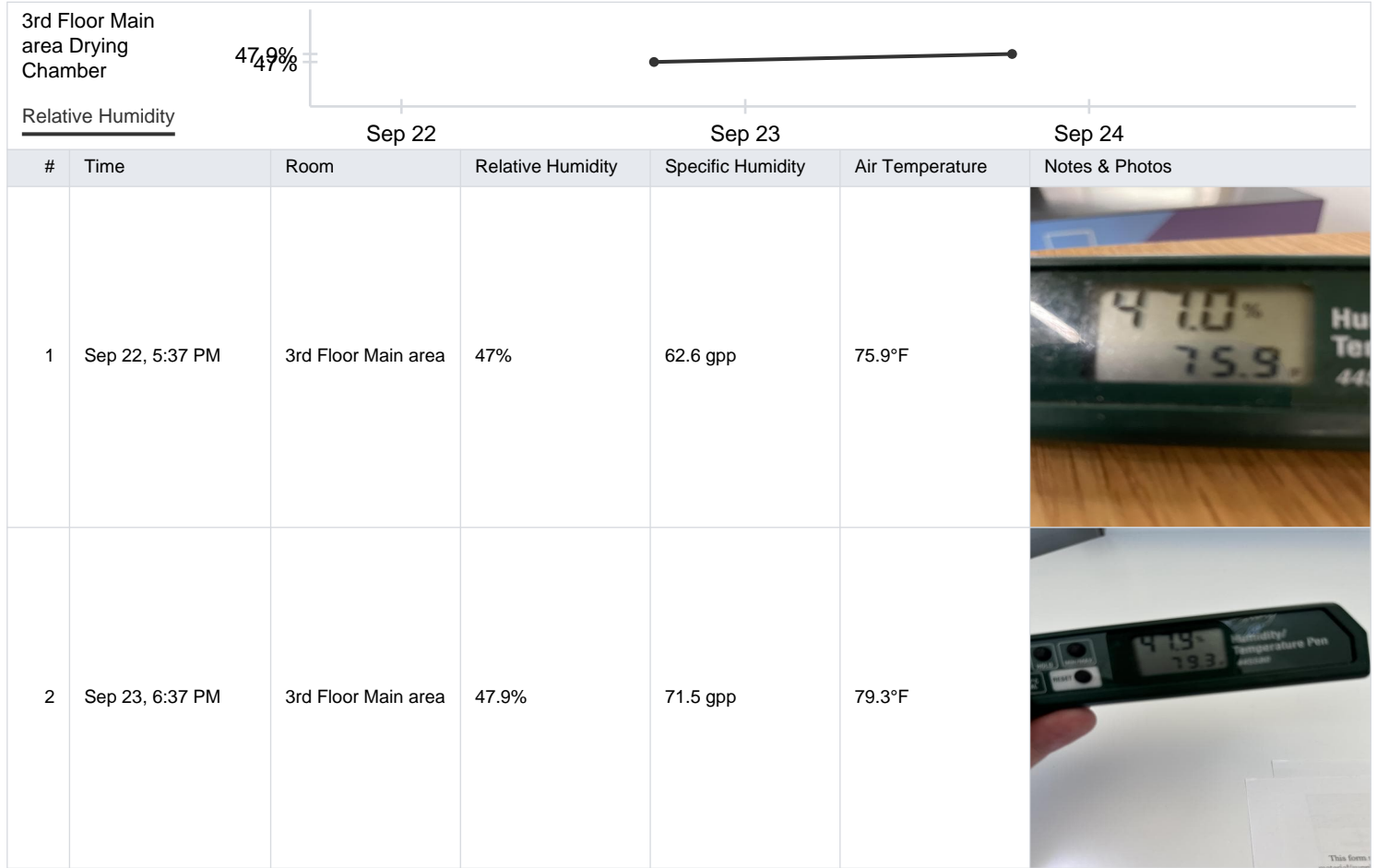
**Air Movers: 303 Storage**

Name	Placed	Removed	Power	Energy usage	Days on site
Xpower X-39AR (461)	Sep 22, 4:59 PM	Oct 1, 8:24 PM	0.23 kW	50.46 kWh	10 days
Xpower X-39AR (55)	Sep 22, 5:00 PM	Oct 1, 8:24 PM	0.23 kW	50.46 kWh	10 days

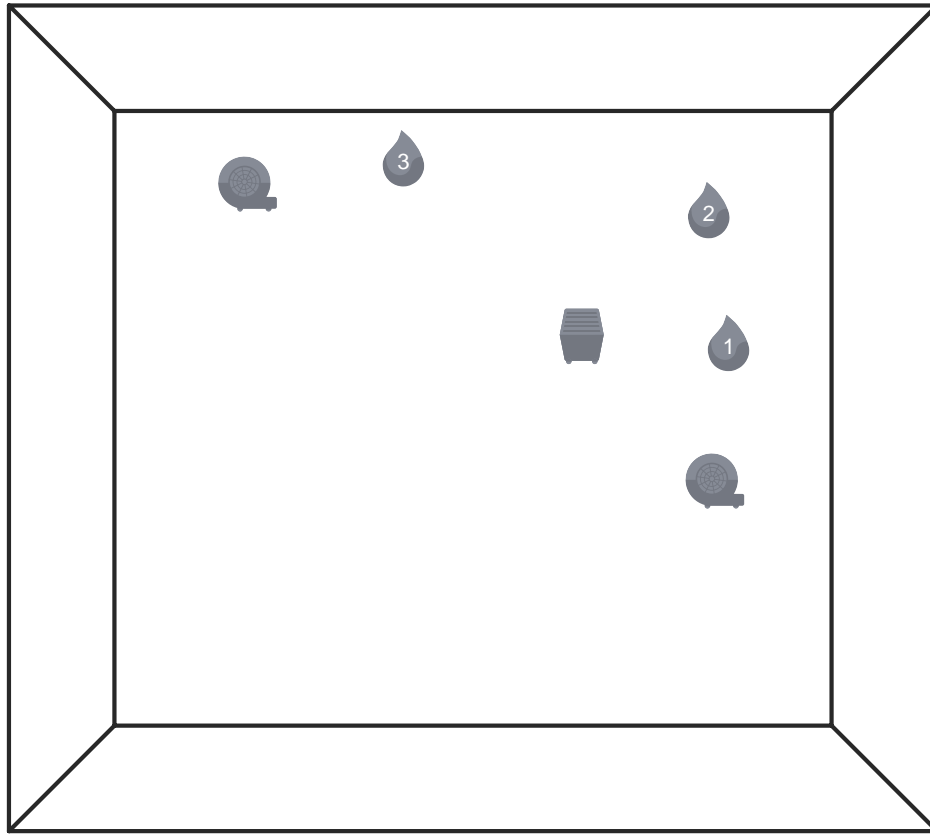


# Drying Chamber: 3rd Floor Main area

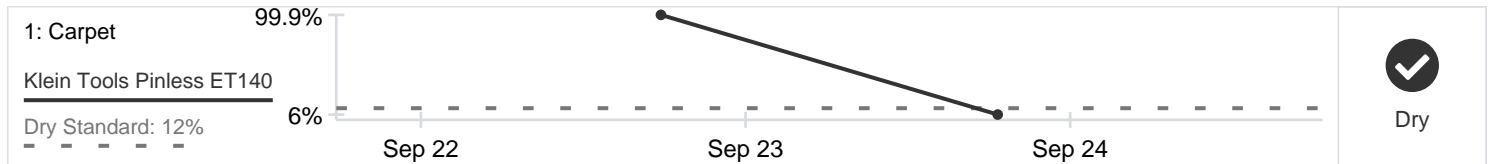
## Affected Area Readings





Affected Area: 3rd Floor Main area



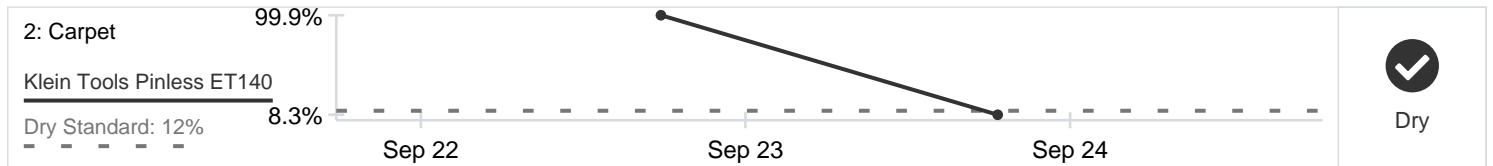
Point 1:



#	Time	Meter	Moisture Content	Surface Temperature	Notes & Photos
1	Sep 22, 5:44 PM	Klein Tools Pinless ET140	99.9%	71.1°F	

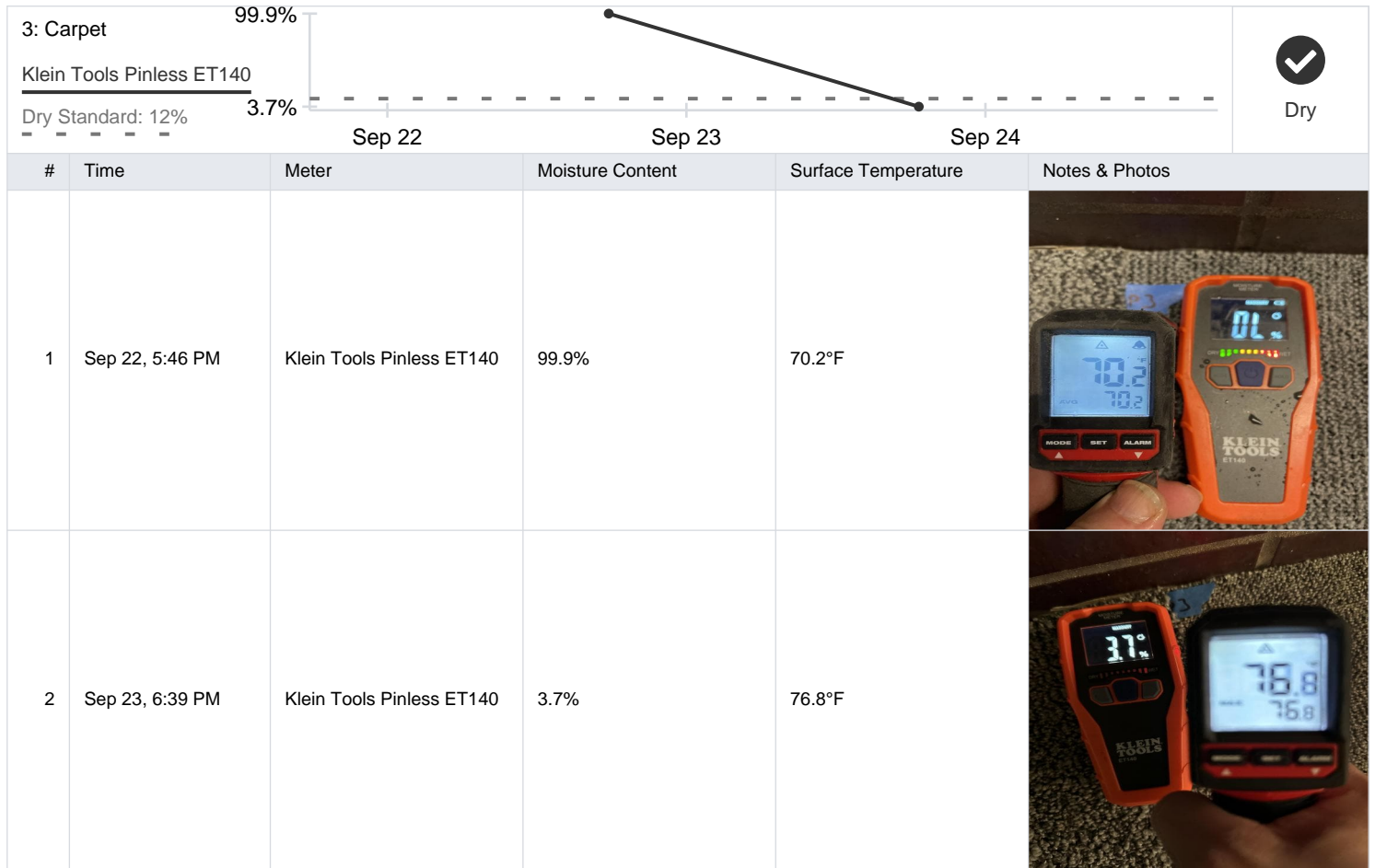
#	Time	Meter	Moisture Content	Surface Temperature	Notes & Photos
2	Sep 23, 6:38 PM	Klein Tools Pinless ET140	6%	78.8°F	

Point 2:



#	Time	Meter	Moisture Content	Surface Temperature	Notes & Photos
1	Sep 22, 5:45 PM	Klein Tools Pinless ET140	99.9%	70.7°F	
2	Sep 23, 6:38 PM	Klein Tools Pinless ET140	8.3%	80.4°F	

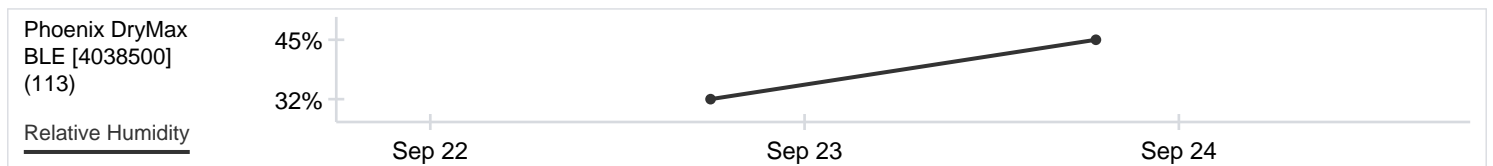
Point 3:





Equipment List: 3rd Floor Main area

Dehumidifier: Phoenix DryMax BLE [4038500] (113)

Placed	Removed	Power	Energy usage	Days on site
Sep 22, 5:51 PM	Oct 1, 8:24 PM	0.63 kW	137.03 kWh	10 days



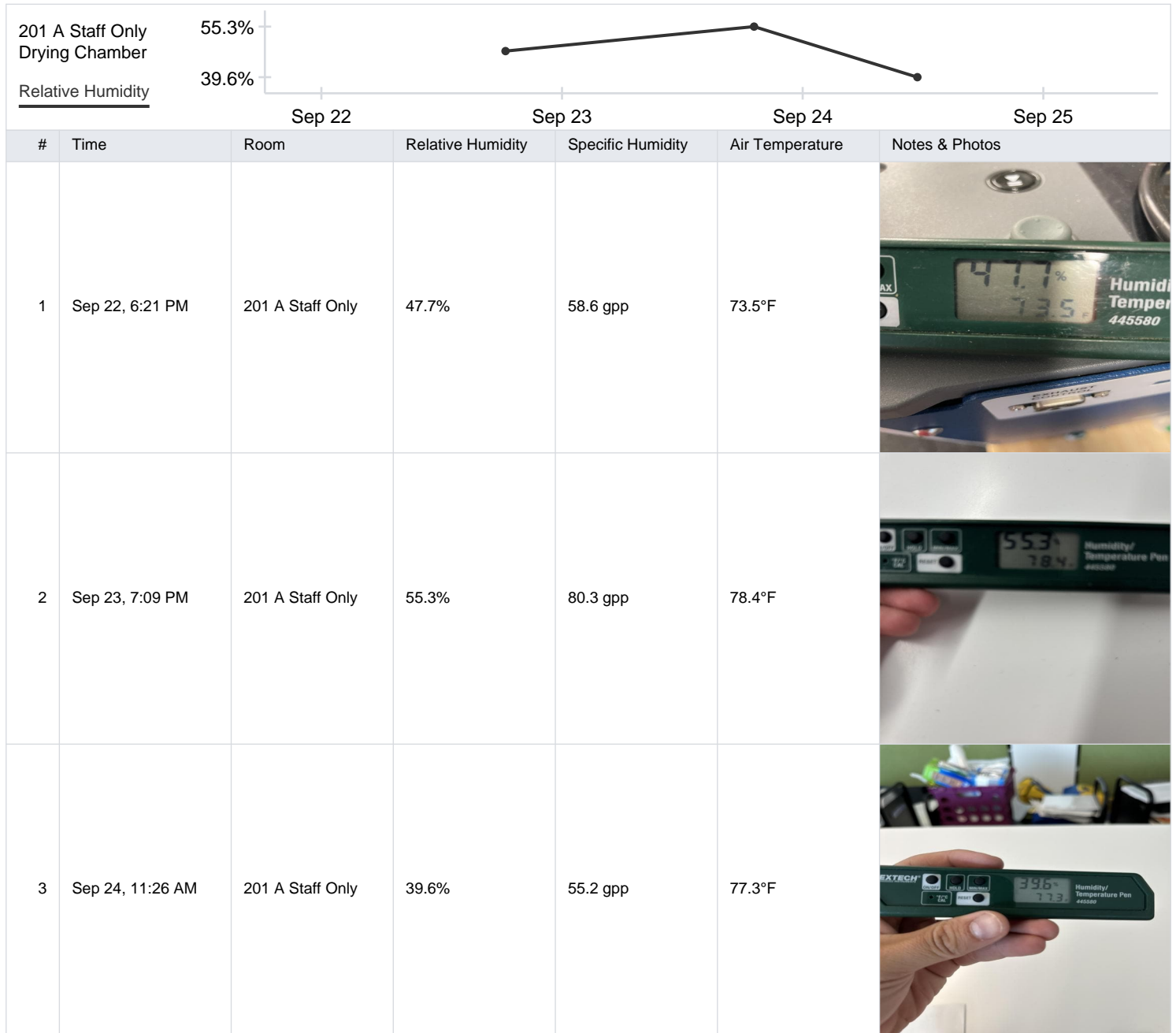
#	Time	Relative Humidity	Specific Humidity	Air Temperature	Grain Depression	Hours Running	Notes & Photos
1	Sep 22, 5:58 PM	32%	63.1 gpp	88°F	-1 gpp		
2	Sep 23, 6:40 PM	45%	68.7 gpp	80°F	3 gpp		

**Air Movers: 3rd Floor Main area**

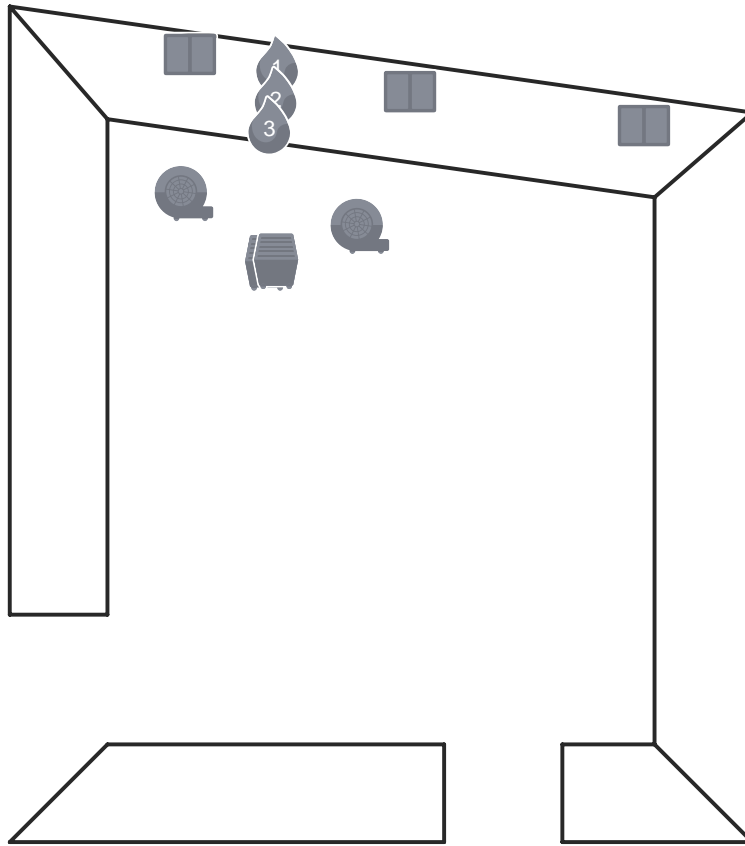
Name	Placed	Removed	Power	Energy usage	Days on site
Xpower X-39AR (NO NUMBER)	Sep 22, 5:52 PM	Oct 1, 8:24 PM	0.23 kW	50.26 kWh	10 days
Xpower X-39AR (482)	Sep 22, 5:53 PM	Sep 22, 5:53 PM	0.23 kW	0 kWh	1 day
Xpower X-39AR (482)	Sep 22, 5:53 PM	Oct 1, 8:24 PM	0.23 kW	50.26 kWh	10 days

# Drying Chamber: 201 A Staff Only

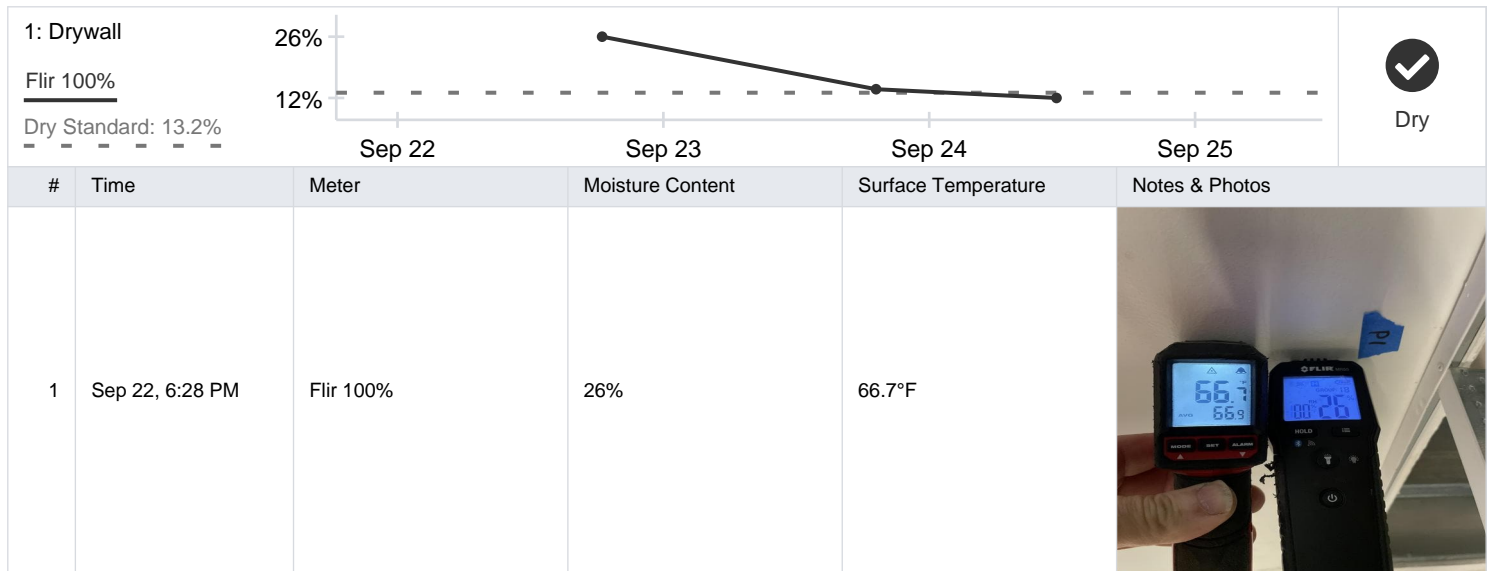
## Affected Area Readings





Affected Area: 201 A Staff Only

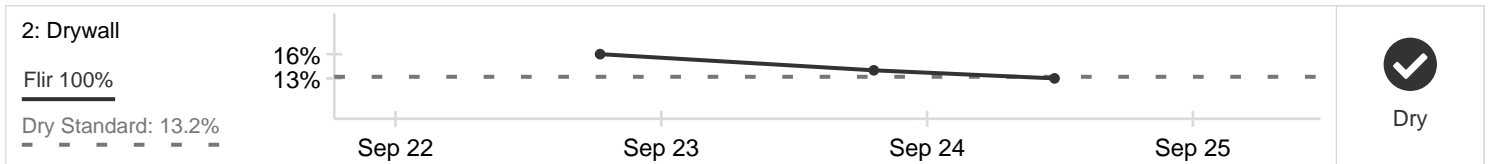




Point 1:




#	Time	Meter	Moisture Content	Surface Temperature	Notes & Photos
2	Sep 23, 7:11 PM	Flir 100%	14%	78.1°F	
3	Sep 24, 11:29 AM	Flir 100%	12%	77.7°F	

Point 2:

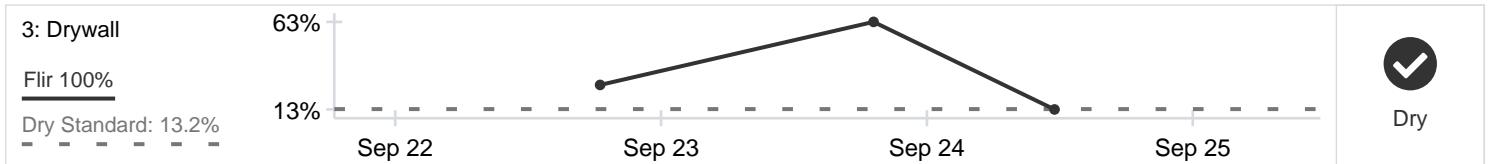


#	Time	Meter	Moisture Content	Surface Temperature	Notes & Photos
1	Sep 22, 6:28 PM	Flir 100%	16%	70.5°F	
2	Sep 23, 7:11 PM	Flir 100%	14%	77.7°F	



#	Time	Meter	Moisture Content	Surface Temperature	Notes & Photos
3	Sep 24, 11:30 AM	Flir 100%	13%	77.9°F	

Point 3:



#	Time	Meter	Moisture Content	Surface Temperature	Notes & Photos
1	Sep 22, 6:29 PM	Flir 100%	27%	69.8°F	
2	Sep 23, 7:10 PM	Flir 100%	63%	77°F	
3	Sep 24, 11:31 AM	Flir 100%	13%	78.1°F	

Equipment List: 201 A Staff Only

Dehumidifier: ALORAIR Storm LGR Extreme [STORMLGREXTREME] (130)

Placed	Removed	Power	Energy usage	Days on site
Sep 22, 6:33 PM	Sep 22, 6:40 PM	0.64 kW	0.08 kWh	1 day

Dehumidifier: ALORAIR Storm LGR Extreme [STORMLGREXTREME] (123)

Placed	Removed	Power	Energy usage	Days on site
Sep 22, 6:44 PM	Oct 1, 8:24 PM	0.64 kW	140.18 kWh	9 days



#	Time	Relative Humidity	Specific Humidity	Air Temperature	Grain Depression	Hours Running	Notes & Photos
1	Sep 22, 7:01 PM	19%	51 gpp	98°F	8 gpp		
2	Sep 23, 7:10 PM	19%	51 gpp	98°F	29 gpp		
3	Sep 24, 11:27 AM	17%	48.4 gpp	100°F	7 gpp		

Air Movers: 201 A Staff Only

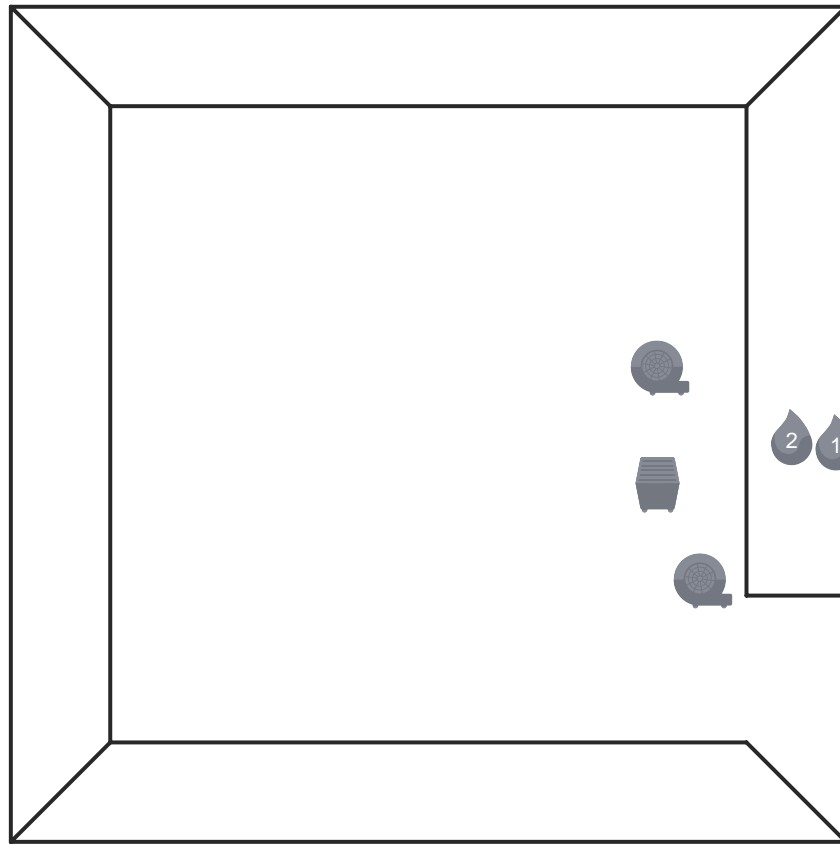
Name	Placed	Removed	Power	Energy usage	Days on site
Xpower X-39AR (56)	Sep 22, 6:33 PM	Oct 1, 8:24 PM	0.23 kW	50.11 kWh	9 days
Xpower X-39AR (34)	Sep 22, 6:38 PM	Oct 1, 8:24 PM	0.23 kW	50.09 kWh	9 days

# Drying Chamber: Staff Only 212

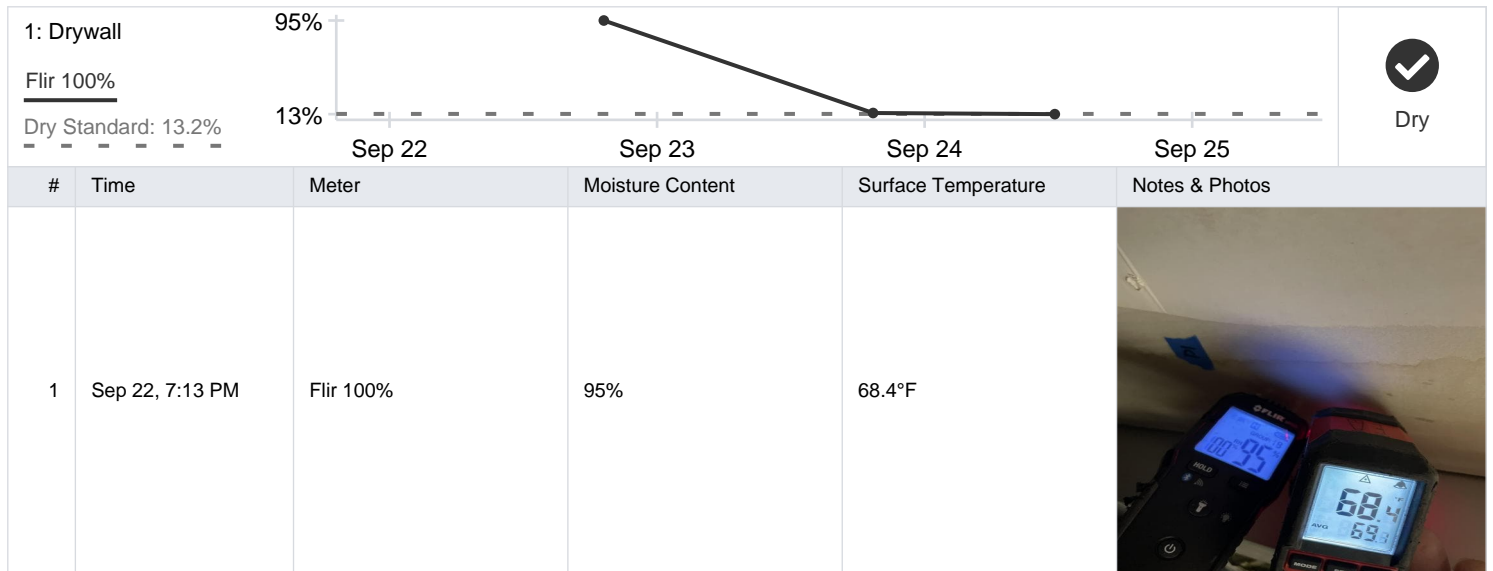
## Affected Area Readings

#	Time	Room	Relative Humidity	Specific Humidity	Air Temperature	Notes & Photos
1	Sep 22, 7:00 PM	Staff Only 212	51.7%	62.5 gpp	73°F	
2	Sep 23, 7:18 PM	Staff Only 212	61.3%	93.5 gpp	79.8°F	
3	Sep 24, 11:39 AM	Staff Only 212	57.1%	80 gpp	77.3°F	

Affected Area: Staff Only 212

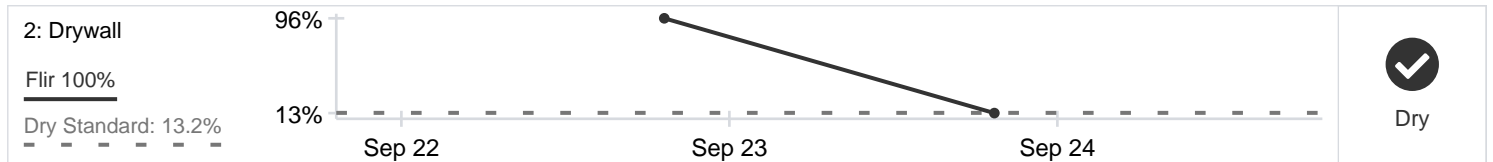


Point 1:



#	Time	Meter	Moisture Content	Surface Temperature	Notes & Photos
2	Sep 23, 7:22 PM	Flir 100%	14%	77.7°F	
3	Sep 24, 11:40 AM	Flir 100%	13%	77.4°F	

Point 2:

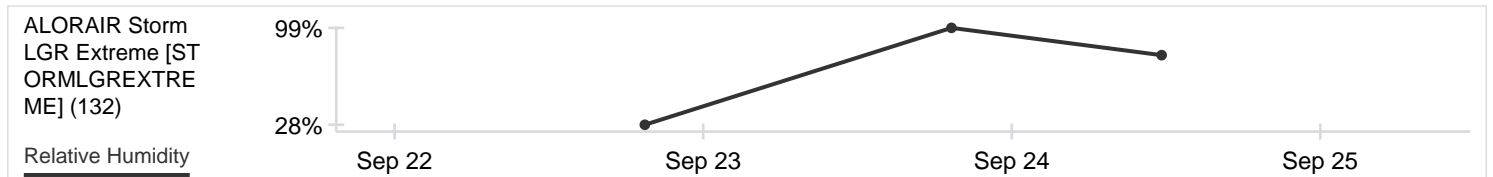


#	Time	Meter	Moisture Content	Surface Temperature	Notes & Photos
1	Sep 22, 7:14 PM	Flir 100%	96%	65.8°F	
2	Sep 23, 7:23 PM	Flir 100%	13%	77.9°F	

Equipment List: Staff Only 212

Dehumidifier: ALORAIR Storm LGR Extreme [STORMLGREXTREME] (132)

Placed Sep 22, 7:17 PM      Removed Oct 1, 8:24 PM      Power 0.64 kW      Energy usage 139.83 kWh      Days on site 9 days



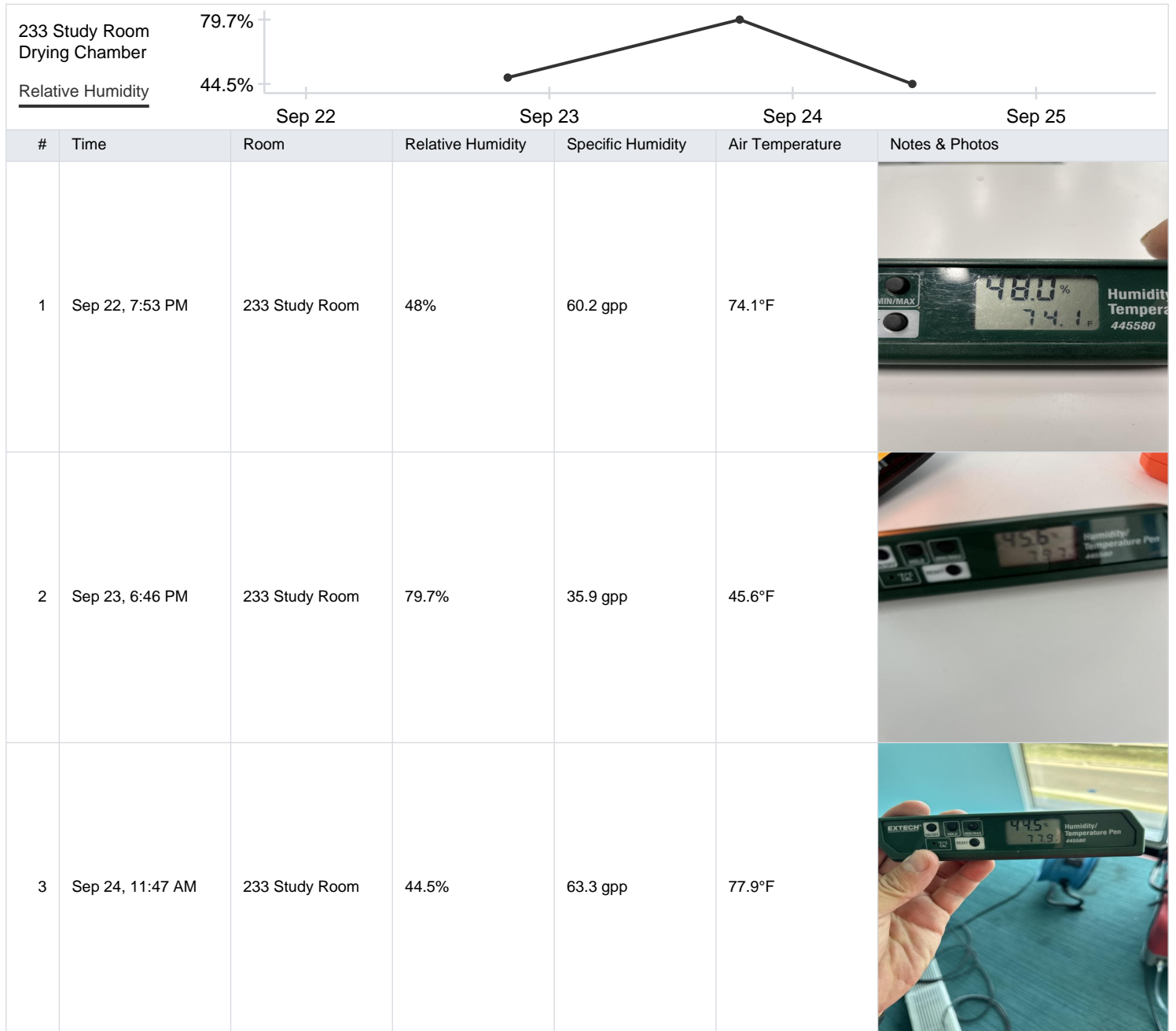
#	Time	Relative Humidity	Specific Humidity	Air Temperature	Grain Depression	Hours Running	Notes & Photos
1	Sep 22, 7:27 PM	28%	56.9 gpp	89°F	6 gpp		
2	Sep 23, 7:18 PM	99%	121.3 gpp	73°F	-28 gpp		
3	Sep 24, 11:39 AM	79%	89.8 gpp	71°F	-10 gpp		

Air Movers: Staff Only 212

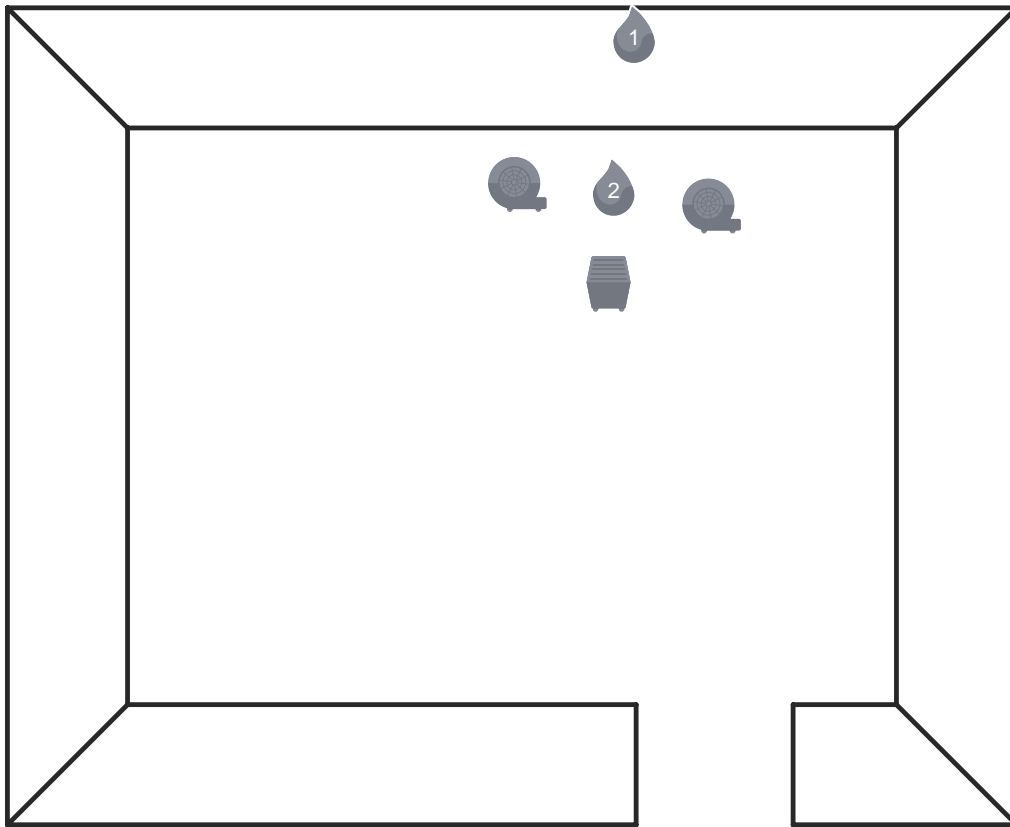
Name	Placed	Removed	Power	Energy usage	Days on site
Xpower X-39AR (36)	Sep 22, 7:17 PM	Oct 1, 8:24 PM	0.23 kW	49.94 kWh	9 days
Xpower X-39AR (336)	Sep 22, 7:18 PM	Oct 1, 8:24 PM	0.23 kW	49.93 kWh	9 days

# Drying Chamber: 233 Study Room

## Affected Area Readings



Affected Area: 233 Study Room



Point 1:

1: Framing




Flir 100%

Dry Standard: 11%

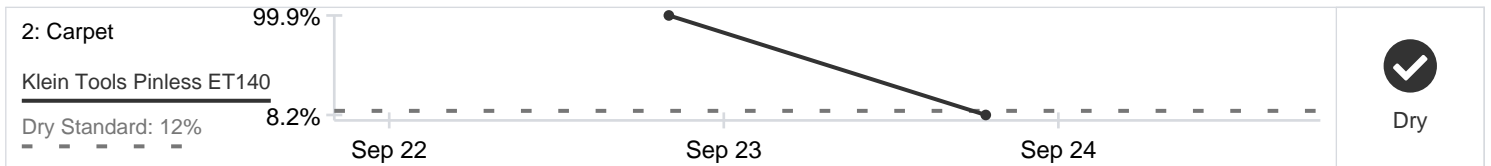
Dry


#	Time	Meter	Moisture Content	Surface Temperature	Notes & Photos
1	Sep 22, 8:02 PM	Flir 100%	41%	68.7°F	




#	Time	Meter	Moisture Content	Surface Temperature	Notes & Photos
2	Sep 23, 6:50 PM	Flir 100%	23%	71.9°F	
3	Sep 24, 11:48 AM	Flir 100%	13%	80.4°F	
4	Sep 25, 1:34 PM	Flir 100%	11%	81.3°F	

Point 2:



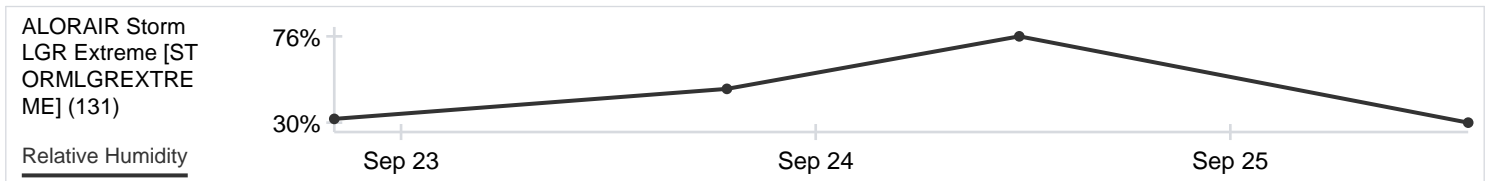
#	Time	Meter	Moisture Content	Surface Temperature	Notes & Photos
1	Sep 22, 8:03 PM	Klein Tools Pinless ET140	99.9%	67.3°F	



#	Time	Meter	Moisture Content	Surface Temperature	Notes & Photos
2	Sep 23, 6:47 PM	Klein Tools Pinless ET140	8.2%	71.3°F	



Equipment List: 233 Study Room

Dehumidifier: ALORAIR Storm LGR Extreme [STORMLGREXTREME] (131)

Placed	Removed	Power	Energy usage	Days on site
Sep 22, 7:59 PM	Oct 1, 8:24 PM	0.64 kW	139.37 kWh	9 days



#	Time	Relative Humidity	Specific Humidity	Air Temperature	Grain Depression	Hours Running	Notes & Photos
1	Sep 22, 8:08 PM	32%	59.2 gpp	86°F	1 gpp		
2	Sep 23, 6:51 PM	48%	62 gpp	75°F	-26 gpp		

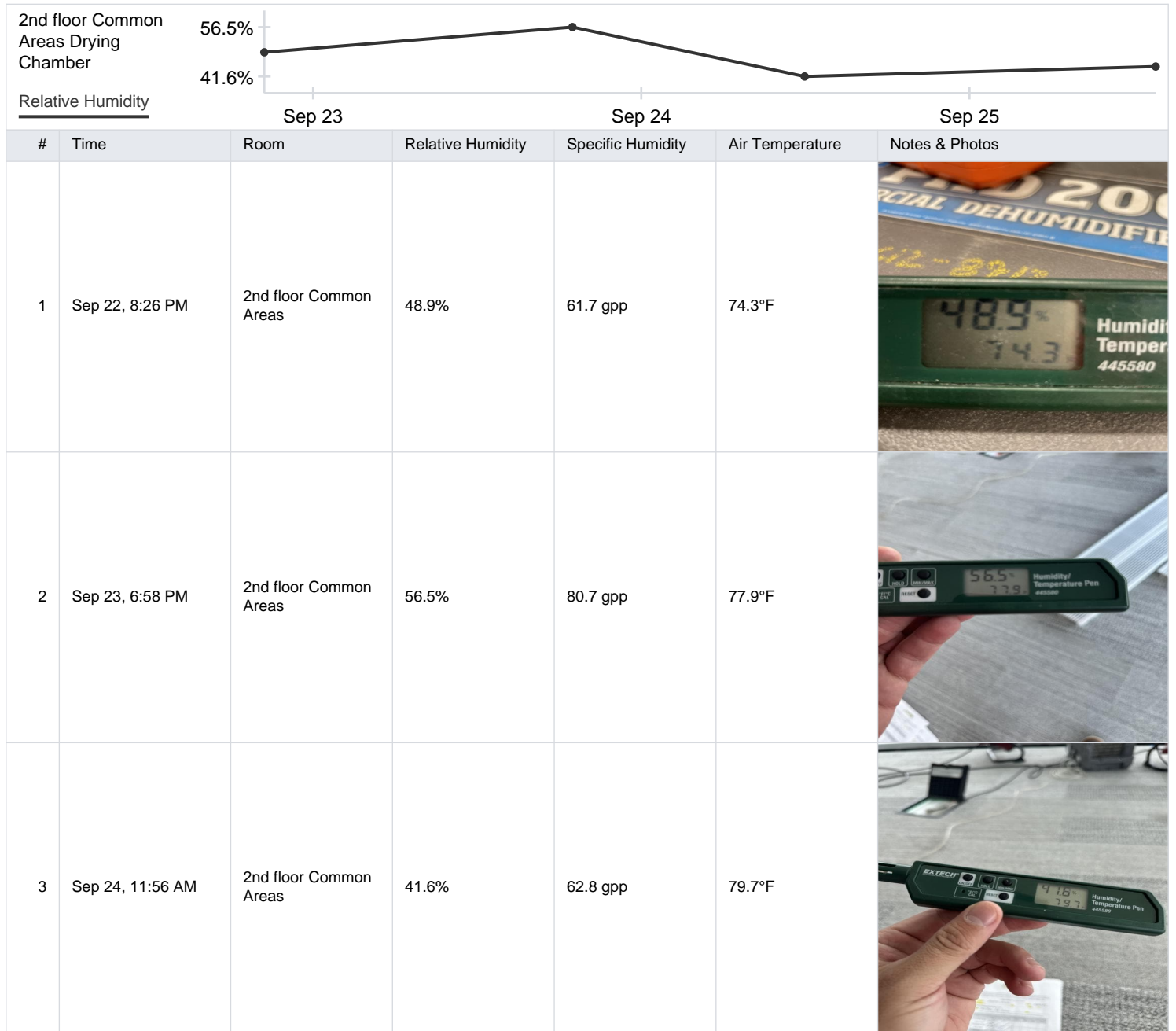
#	Time	Relative Humidity	Specific Humidity	Air Temperature	Grain Depression	Hours Running	Notes & Photos
3	Sep 24, 11:46 AM	76%	109.7 gpp	78°F	-46 gpp		
4	Sep 25, 1:46 PM	30%	57.3 gpp	87°F	6 gpp		


**Air Movers: 233 Study Room**

Name	Placed	Removed	Power	Energy usage	Days on site
Xpower XPOWER X-34AR Professional Sealed Motor Axial Fan [X34AR] (447)	Sep 22, 7:58 PM	Oct 1, 8:24 PM	0.18 kW	39.82 kWh	9 days
Xpower X-39AR (10)	Sep 22, 7:59 PM	Oct 1, 8:24 PM	0.23 kW	49.78 kWh	9 days

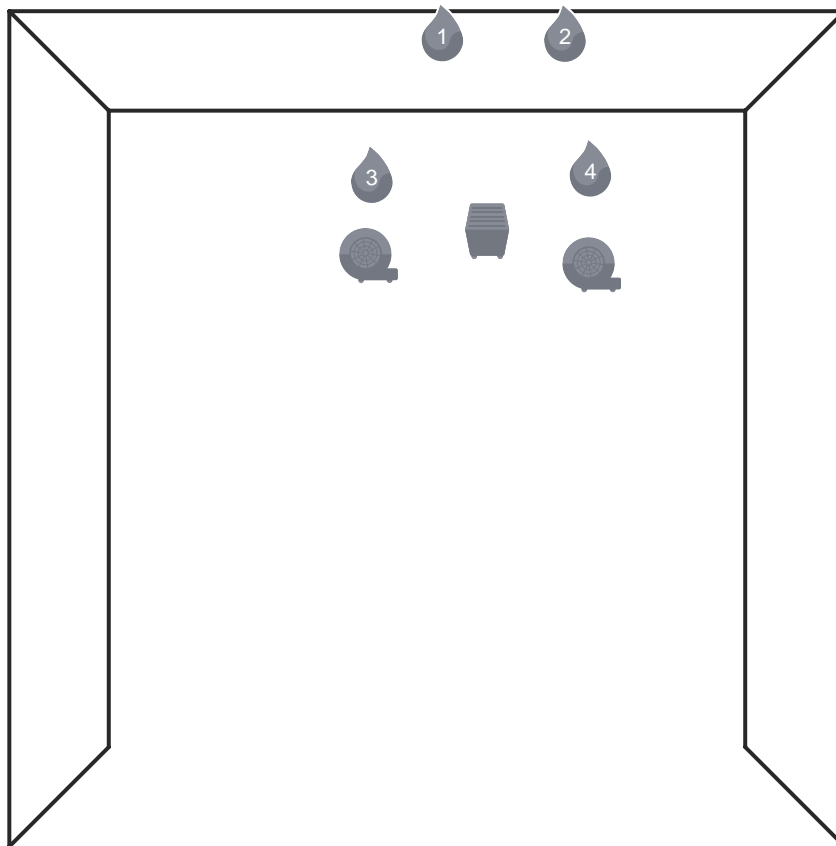
## Drying Chamber: 2nd floor Common Areas

### Affected Area Readings







#	Time	Room	Relative Humidity	Specific Humidity	Air Temperature	Notes & Photos
4	Sep 25, 1:36 PM	2nd floor Common Areas	44.6%	63.7 gpp	78°F	





Affected Area: 2nd floor Common Areas



Point 1:

#	Time	Meter	Moisture Content	Surface Temperature	Notes & Photos
1	Sep 22, 8:28 PM	Flir 100%	81%	68°F	
2	Sep 23, 7:03 PM	Flir 100%	14%	80.8°F	
3	Sep 24, 11:58 AM	Flir 100%	12%	81.9°F	
4	Sep 25, 1:44 PM	Flir 100%	11%	71.7°F	

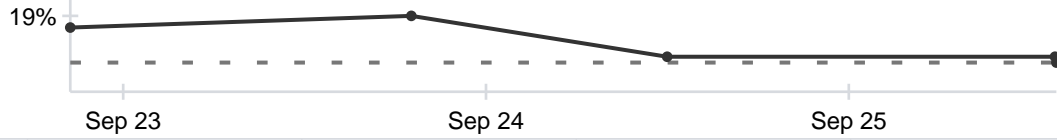
Point 2:


#	Time	Meter	Moisture Content	Surface Temperature	Notes & Photos
1	Sep 22, 8:29 PM	Flir 100%	17%	67.1°F	
2	Sep 23, 7:03 PM	Flir 100%	19%	79.9°F	
3	Sep 24, 11:59 AM	Flir 100%	12%	84.6°F	
4	Sep 25, 1:38 PM	Flir 100%	12%	86°F	

2: Framing

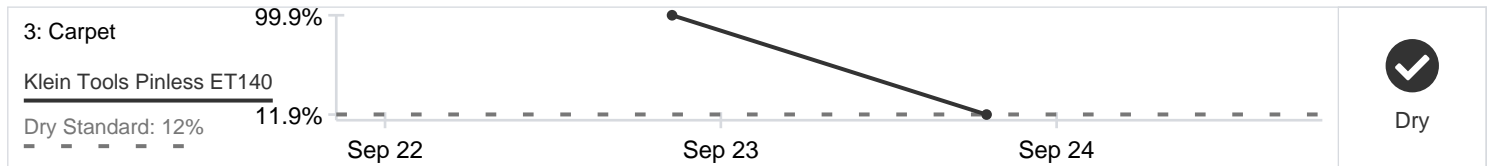
Flir 100%



Dry Standard: 11%



#	Time	Meter	Moisture Content	Surface Temperature	Notes & Photos
5	Sep 25, 1:43 PM	Flir 100%	11%	79.9°F	

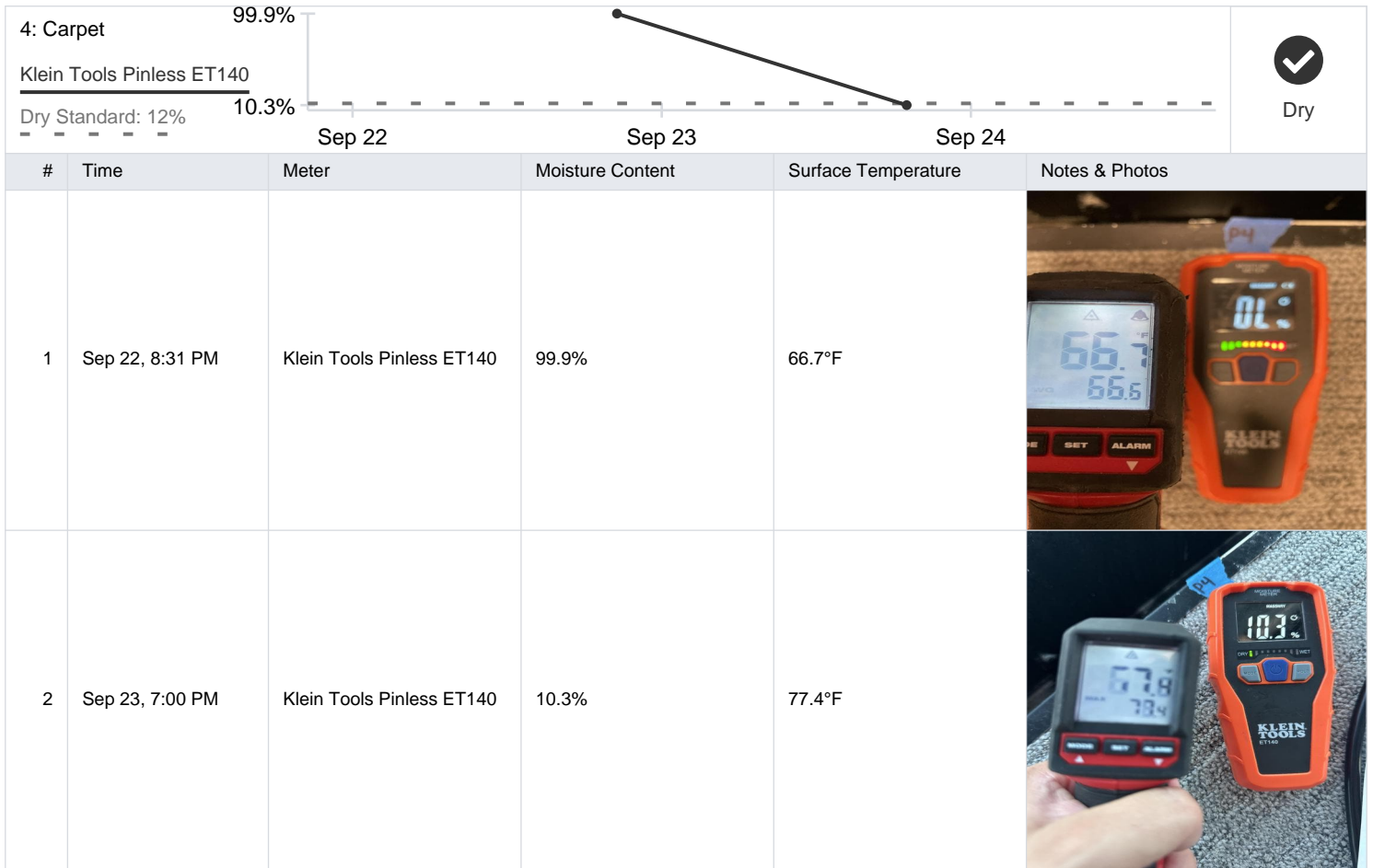
Point 3:



#	Time	Meter	Moisture Content	Surface Temperature	Notes & Photos
1	Sep 22, 8:30 PM	Klein Tools Pinless ET140	99.9%	66.7°F	
2	Sep 23, 6:59 PM	Klein Tools Pinless ET140	11.9%	77.9°F	



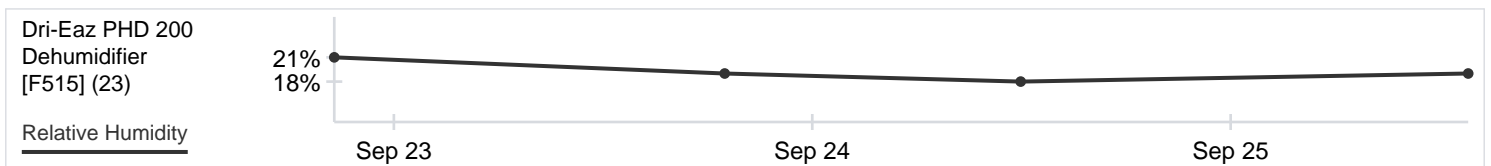
Point 4:



Equipment List: 2nd floor Common Areas

Dehumidifier: Dri-Eaz PHD 200 Dehumidifier [F515] (23)

Placed	Removed	Power	Energy usage	Days on site
Sep 22, 8:25 PM	Oct 1, 8:24 PM	0.71 kW	154 kWh	9 days



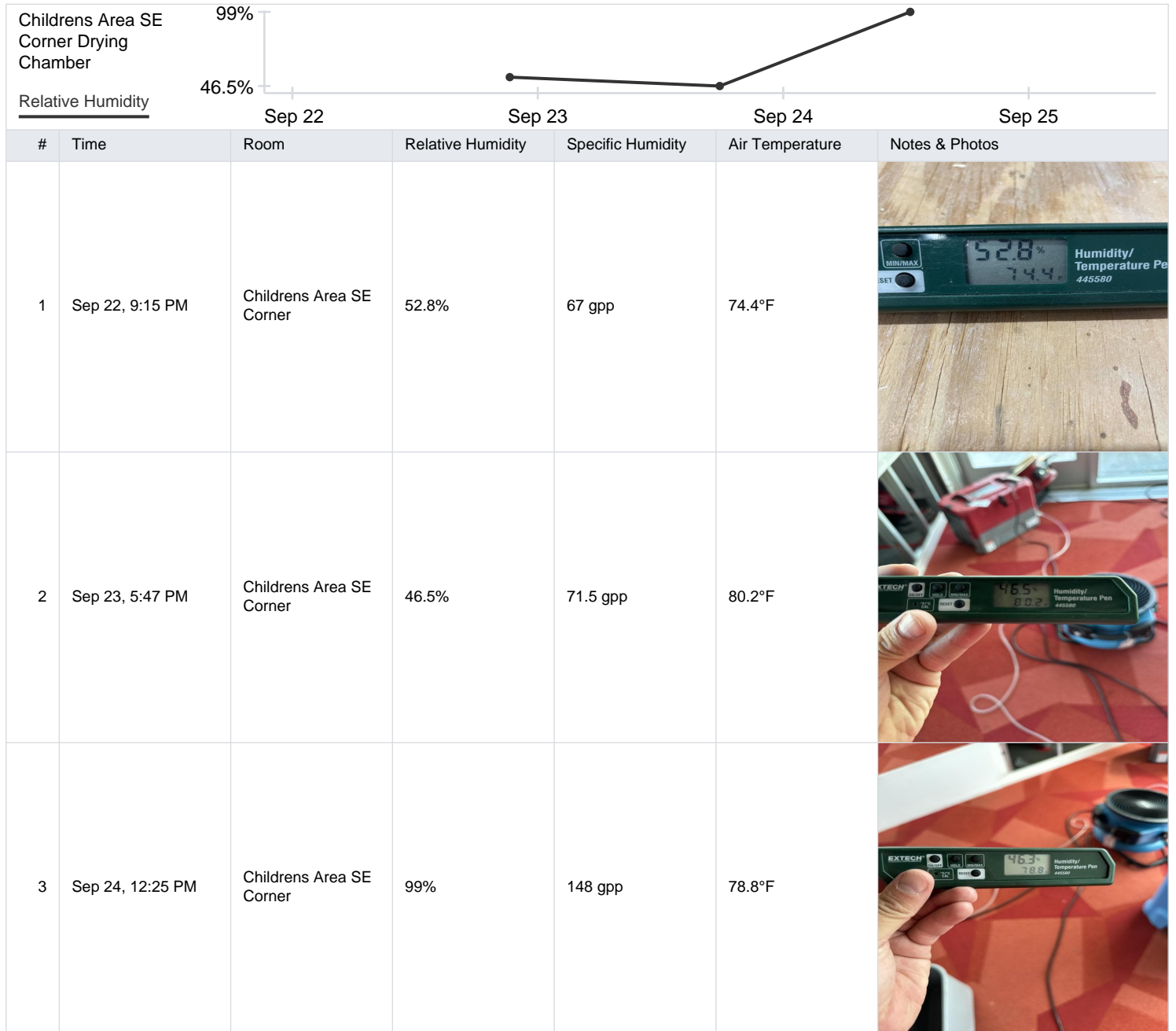
#	Time	Relative Humidity	Specific Humidity	Air Temperature	Grain Depression	Hours Running	Notes & Photos
1	Sep 22, 8:34 PM	21%	49.8 gpp	94°F	12 gpp		
2	Sep 23, 6:58 PM	19%	46.4 gpp	95°F	34 gpp		
3	Sep 24, 11:57 AM	18%	45.4 gpp	96°F	17 gpp		
4	Sep 25, 1:37 PM	19%	49.4 gpp	97°F	14 gpp		

**Air Movers: 2nd floor Common Areas**

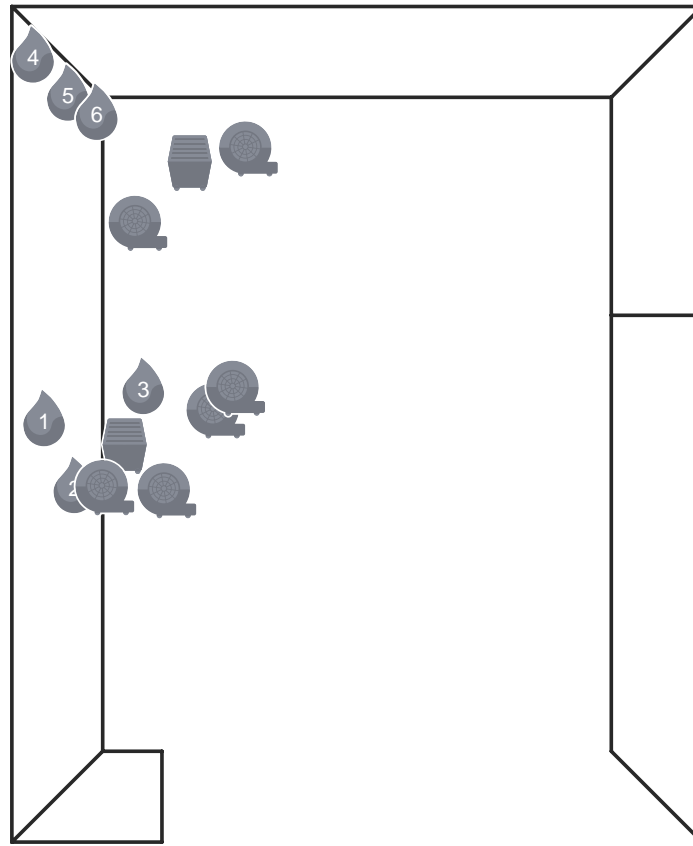
Name	Placed	Removed	Power	Energy usage	Days on site
Xpower XPOWER X-34AR Professional Sealed Motor Axial Fan [X34AR] (58)	Sep 22, 8:25 PM	Oct 1, 8:24 PM	0.18 kW	39.74 kWh	9 days
Xpower X-39AR (NO NUMBER)	Sep 22, 8:25 PM	Oct 1, 8:24 PM	0.23 kW	49.68 kWh	9 days

# Drying Chamber: Childrens Area SE Corner

## Affected Area Readings





Affected Area: Childrens Area SE Corner



Point 1:

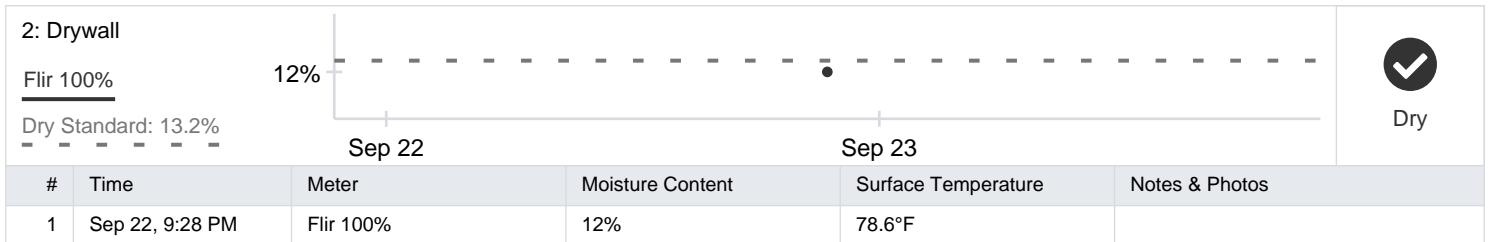
1: Drywall  
Flir 100%  
Dry Standard: 13.2%

  
 Dry

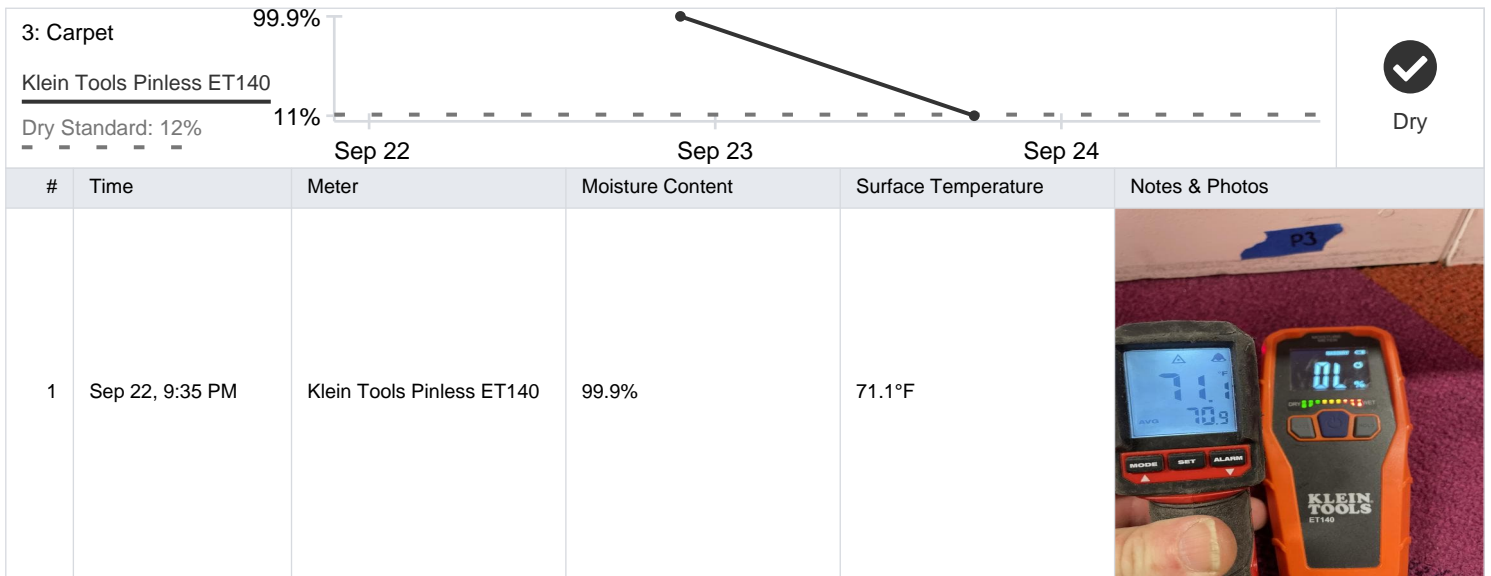
#	Time	Meter	Moisture Content	Surface Temperature	Notes & Photos
1	Sep 22, 9:26 PM	Flir 100%	82%	68°F	


#	Time	Meter	Moisture Content	Surface Temperature	Notes & Photos
2	Sep 23, 5:54 PM	Flir 100%	15%	77.5°F	
3	Sep 24, 12:44 PM	Flir 100%	13%	78.6°F	

Point 2:

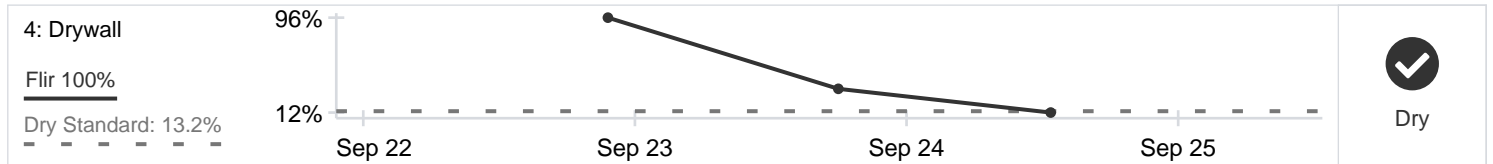


Point 3:




#	Time	Meter	Moisture Content	Surface Temperature	Notes & Photos
2	Sep 23, 5:57 PM	Klein Tools Pinless ET140	11%	79.7°F	

Point 4:

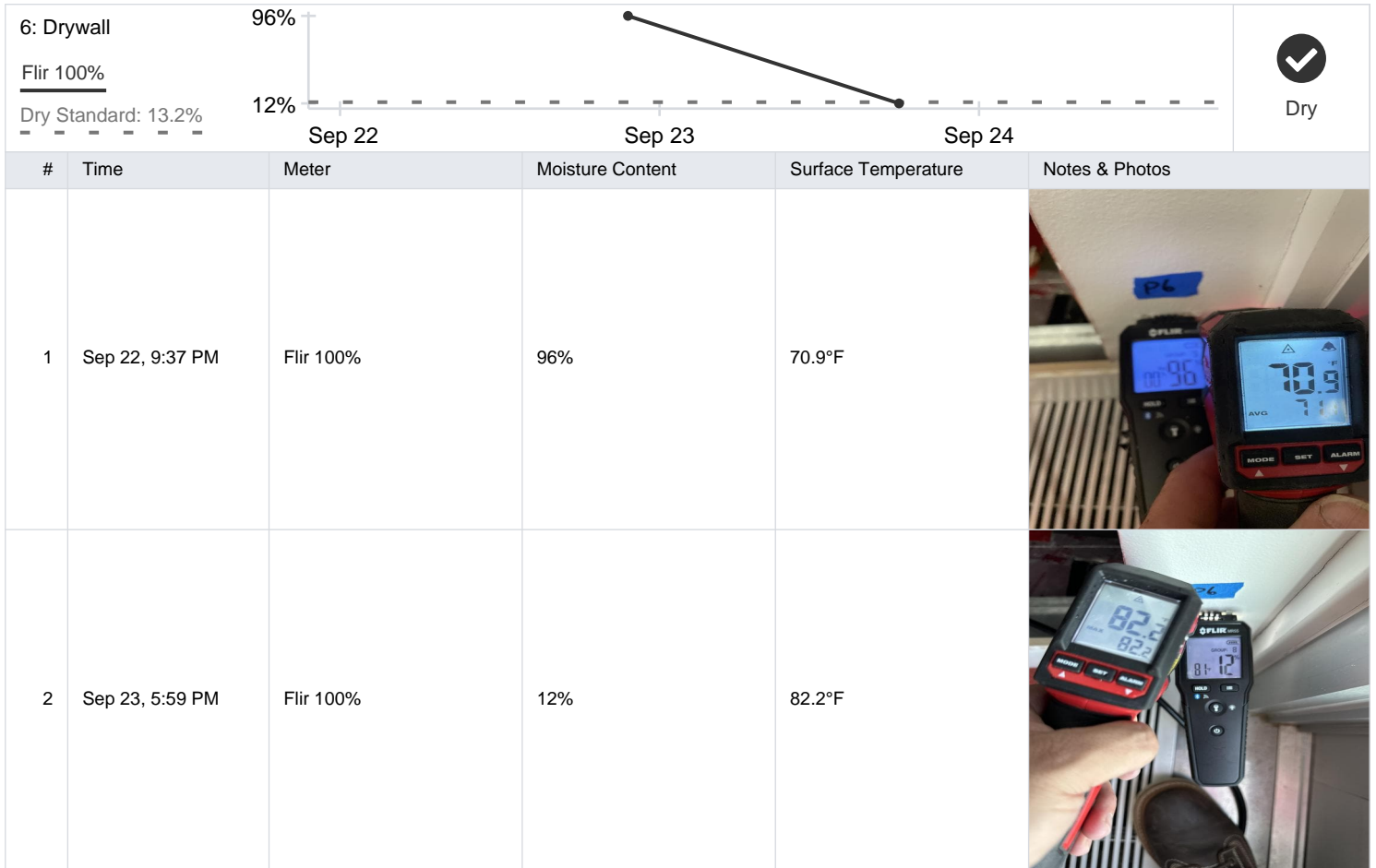


#	Time	Meter	Moisture Content	Surface Temperature	Notes & Photos
1	Sep 22, 9:36 PM	Flir 100%	96%	69.4°F	
2	Sep 23, 5:58 PM	Flir 100%	33%	79.7°F	
3	Sep 24, 12:44 PM	Flir 100%	12%	81.3°F	

Point 5:

#	Time	Meter	Moisture Content	Surface Temperature	Notes & Photos
1	Sep 22, 9:37 PM	Flir 100%	96%	70.9°F	
2	Sep 23, 5:59 PM	Flir 100%	14%	82.2°F	
3	Sep 24, 12:43 PM	Flir 100%	13%	70.5°F	

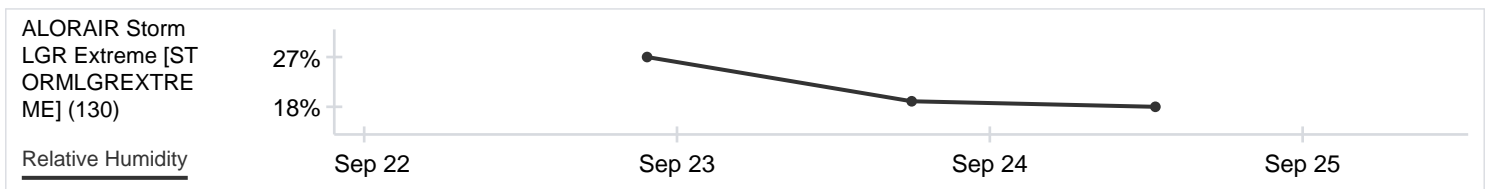
Point 6:



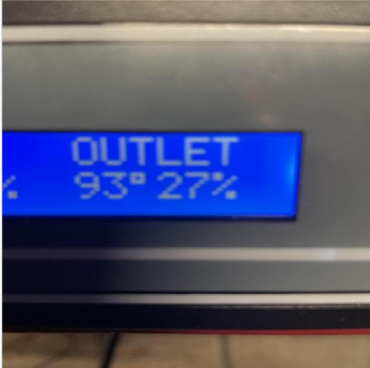


Equipment List: Childrens Area SE Corner

Dehumidifier: ALORAIR Storm LGR Extreme [STORMLGREXTREME] (130)

Placed	Removed	Power	Energy usage	Days on site
Sep 22, 9:19 PM	Oct 1, 8:24 PM	0.64 kW	138.52 kWh	9 days

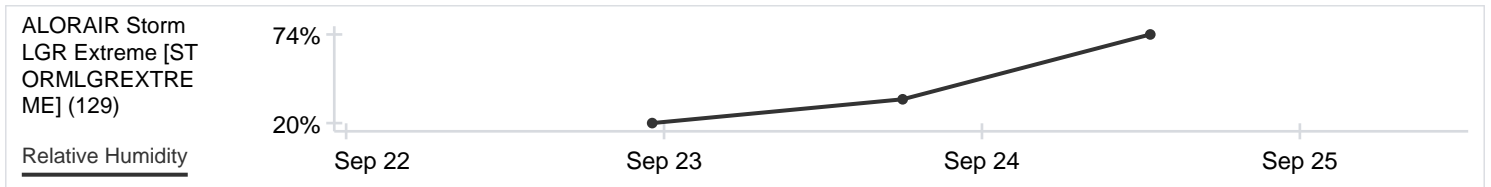




#	Time	Relative Humidity	Specific Humidity	Air Temperature	Grain Depression	Hours Running	Notes & Photos
1	Sep 22, 9:42 PM	27%	62.3 gpp	93°F	5 gpp		
2	Sep 23, 6:00 PM	19%	51 gpp	98°F	21 gpp		
3	Sep 24, 12:42 PM	18%	51.3 gpp	100°F	97 gpp		

Dehumidifier: ALORAIR Storm LGR Extreme [STORMLGREXTREME] (129)

<b>Placed</b> Sep 22, 9:22 PM	<b>Removed</b> Oct 1, 8:24 PM	<b>Power</b> 0.64 kW	<b>Energy usage</b> 138.48 kWh	<b>Days on site</b> 9 days
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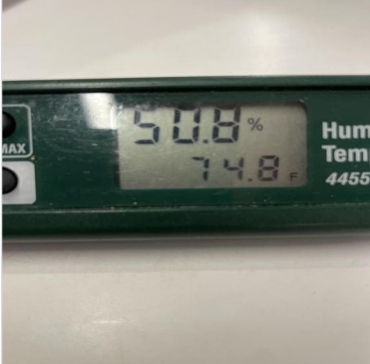


#	Time	Relative Humidity	Specific Humidity	Air Temperature	Grain Depression	Hours Running	Notes & Photos
1	Sep 22, 11:06 PM	20%	57.1 gpp	100°F	10 gpp		
2	Sep 23, 6:00 PM	34.5%	77.2 gpp	91.9°F	-6 gpp		
3	Sep 24, 12:42 PM	74%	103.2 gpp	77°F	45 gpp		

**Air Movers: Childrens Area SE Corner**

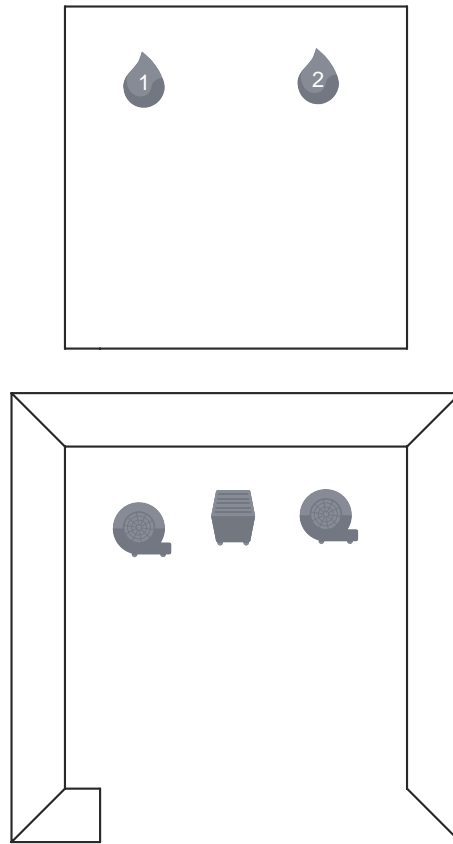
Name	Placed	Removed	Power	Energy usage	Days on site
Xpower X-39AR (53)	Sep 22, 9:19 PM	Sep 22, 9:19 PM	0.23 kW	0 kWh	1 day
Xpower X-39AR (53)	Sep 22, 9:19 PM	Oct 1, 8:24 PM	0.23 kW	49.47 kWh	9 days
Xpower XPOWER X-34AR Professional Sealed Motor Axial Fan [X34AR] (294)	Sep 22, 9:23 PM	Oct 1, 8:24 PM	0.18 kW	39.56 kWh	9 days
Xpower XPOWER X-34AR Professional Sealed Motor Axial Fan [X34AR] (23)	Sep 22, 9:59 PM	Oct 1, 8:24 PM	0.18 kW	39.45 kWh	9 days
Xpower XPOWER X-34AR Professional Sealed Motor Axial Fan [X34AR] (59)	Sep 22, 9:59 PM	Oct 1, 8:24 PM	0.18 kW	39.45 kWh	9 days
Xpower X-39AR (351)	Sep 22, 9:59 PM	Oct 1, 8:24 PM	0.23 kW	49.32 kWh	9 days

# Drying Chamber: Childrens Area South Windows

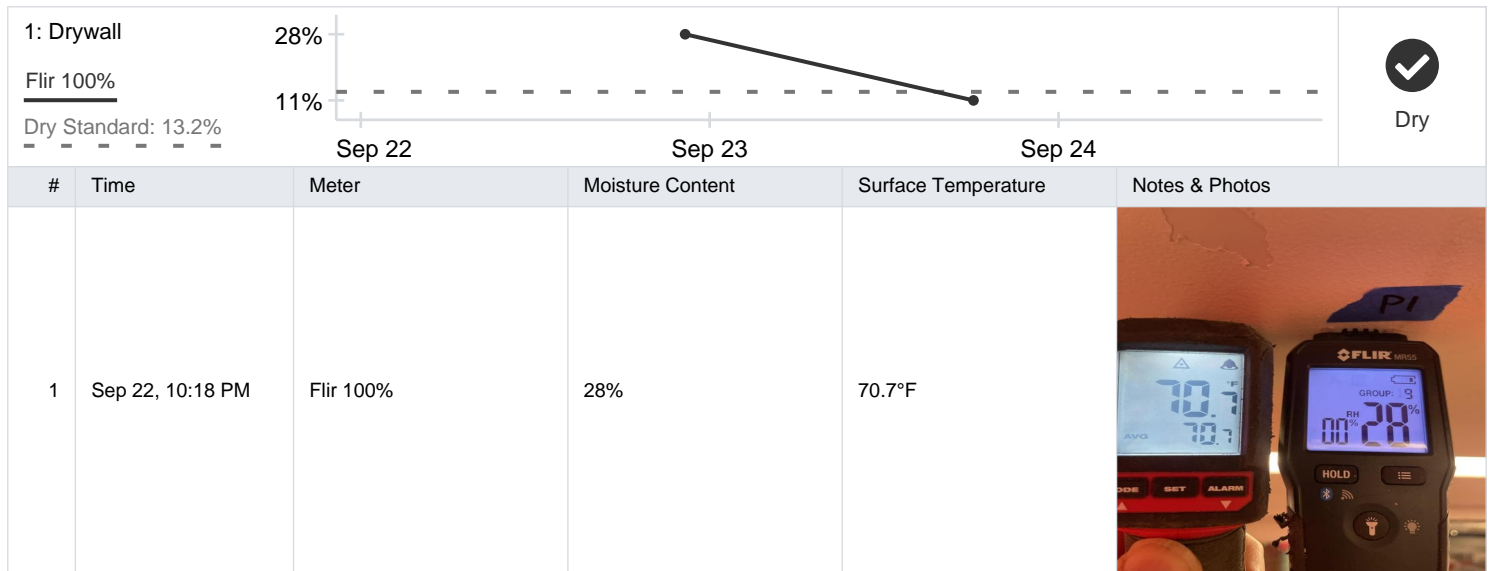
## Affected Area Readings


		Relative Humidity				
		Sep 22	Sep 23	Sep 24	Sep 25	
#	Time	Room	Relative Humidity	Specific Humidity	Air Temperature	Notes & Photos
1	Sep 22, 10:16 PM	Childrens Area South Windows	50.8%	65.3 gpp	74.8°F	
2	Sep 23, 6:01 PM	Childrens Area South Windows	36.9%	59.6 gpp	81.8°F	
3	Sep 24, 12:24 PM	Childrens Area South Windows	42.9%	61.7 gpp	78.2°F	

Affected Area: Childrens Area South Windows

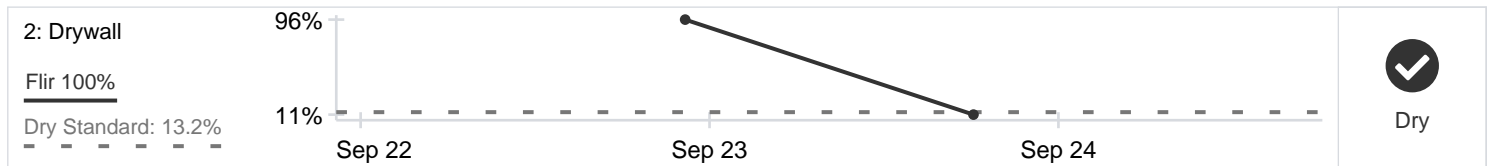




Point 1:



#	Time	Meter	Moisture Content	Surface Temperature	Notes & Photos
2	Sep 23, 6:09 PM	Flir 100%	11%	78.8°F	

Point 2:



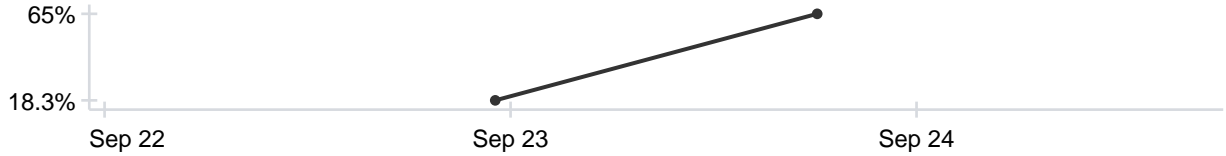
#	Time	Meter	Moisture Content	Surface Temperature	Notes & Photos
1	Sep 22, 10:19 PM	Flir 100%	96%	71.6°F	
2	Sep 23, 6:09 PM	Flir 100%	11%	79°F	

Equipment List: Childrens Area South Windows


Dehumidifier: BlueDri / OmniDry / Zephyr BLUE DRI™ BD-COMMERCIAL DEHUMIDIFIER BLUE [BD76P] (NO NUMBER)

Placed Sep 22, 11:05 PM	Removed Oct 1, 8:24 PM	Power 0.84 kW	Energy usage 179.09 kWh	Days on site 9 days
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BlueDri / OmniDry  
/ Zephyr  
BLUEDRI™ BD-C  
OMMERCIAL  
DEHUMIDIFIER  
BLUE [BD76P]  
(NO NUMBER)



Relative Humidity




#	Time	Relative Humidity	Specific Humidity	Air Temperature	Grain Depression	Hours Running	Notes & Photos
1	Sep 22, 11:05 PM	18.3%	45.1 gpp	95.3°F	20 gpp		
2	Sep 23, 6:07 PM	65%	90.4 gpp	77°F	-31 gpp		

**Air Movers: Childrens Area South Windows**

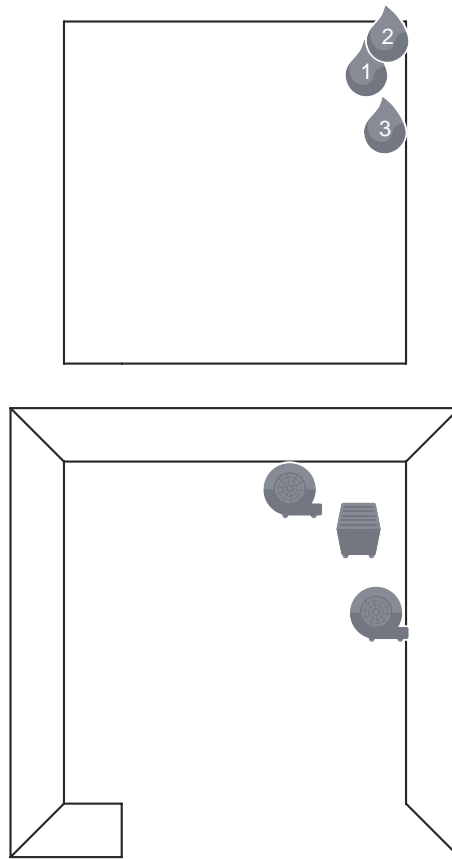
Name	Placed	Removed	Power	Energy usage	Days on site
Xpower XPOWER X-34AR Professional Sealed Motor Axial Fan [X34AR] (9)	Sep 22, 10:22 PM	Oct 1, 8:24 PM	0.18 kW	39.38 kWh	9 days
Xpower XPOWER X-34AR Professional Sealed Motor Axial Fan [X34AR] (460)	Sep 22, 10:23 PM	Oct 1, 8:24 PM	0.18 kW	39.38 kWh	9 days

# Drying Chamber: Childrens Area Middle Column

## Affected Area Readings

		Relative Humidity				
		Sep 22	Sep 23	Sep 24	Sep 25	
#	Time	Room	Relative Humidity	Specific Humidity	Air Temperature	Notes & Photos
1	Sep 22, 10:36 PM	Childrens Area Middle Column	52.7%	65.3 gpp	73.7°F	
2	Sep 23, 5:33 PM	Childrens Area Middle Column	42.6%	61.6 gpp	78.4°F	
3	Sep 24, 12:23 PM	Childrens Area Middle Column	44.6%	64.1 gpp	78.2°F	


Affected Area: Childrens Area Middle Column



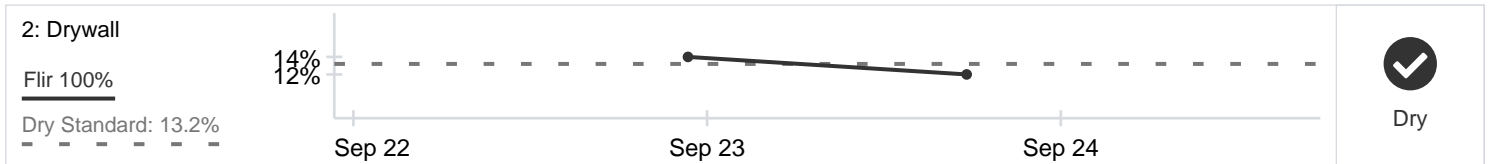
Point 1:


#	Time	Meter	Moisture Content	Surface Temperature	Notes & Photos
1	Sep 22, 10:41 PM	Flir 100%	16%	75°F	






#	Time	Meter	Moisture Content	Surface Temperature	Notes & Photos
2	Sep 23, 5:36 PM	Flir 100%	13%	81.1°F	

Point 2:



#	Time	Meter	Moisture Content	Surface Temperature	Notes & Photos
1	Sep 22, 10:42 PM	Flir 100%	14%	75.4°F	
2	Sep 23, 5:36 PM	Flir 100%	12%	81.5°F	

Point 3:

#	Time	Meter	Moisture Content	Surface Temperature	Notes & Photos
1	Sep 22, 10:43 PM	Flir 100%	70%	74.1°F	
2	Sep 23, 5:37 PM	Flir 100%	14%	79°F	
3	Sep 24, 12:28 PM	Flir 100%	12%	77.9°F	

Equipment List: Childrens Area Middle Column

Dehumidifier: Drieaz Evolution (16)

Placed Sep 22, 10:39 PM      Removed Oct 1, 8:24 PM      Power 0.57 kW      Energy usage 122.91 kWh      Days on site 9 days



#	Time	Relative Humidity	Specific Humidity	Air Temperature	Grain Depression	Hours Running	Notes & Photos
1	Sep 22, 10:47 PM	16%	48.4 gpp	102°F	17 gpp		
2	Sep 23, 5:39 PM	15%	42.7 gpp	100°F	19 gpp		
3	Sep 24, 12:26 PM	15%	42.7 gpp	100°F	21 gpp		

**Air Movers: Childrens Area Middle Column**

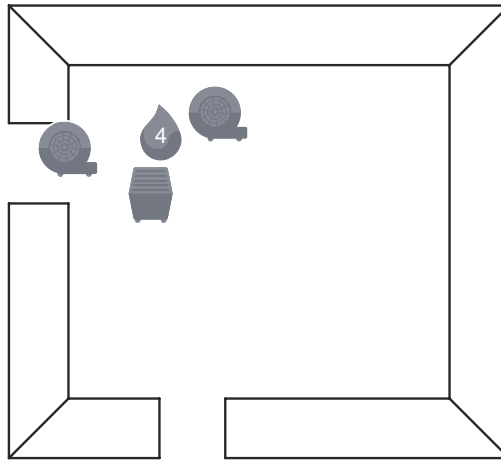
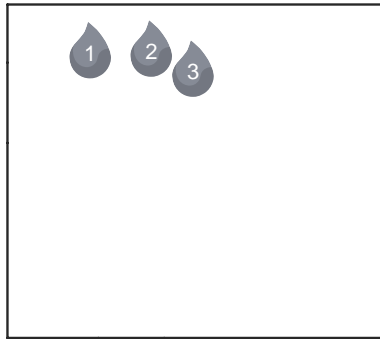
Name	Placed	Removed	Power	Energy usage	Days on site
Xpower XPOWER X-34AR Professional Sealed Motor Axial Fan [X34AR] (15)	Sep 22, 10:40 PM	Oct 1, 8:24 PM	0.18 kW	39.33 kWh	9 days
Xpower XPOWER X-34AR Professional Sealed Motor Axial Fan [X34AR] (415)	Sep 22, 10:40 PM	Oct 1, 8:24 PM	0.18 kW	39.33 kWh	9 days

# Drying Chamber: 149 Storytime

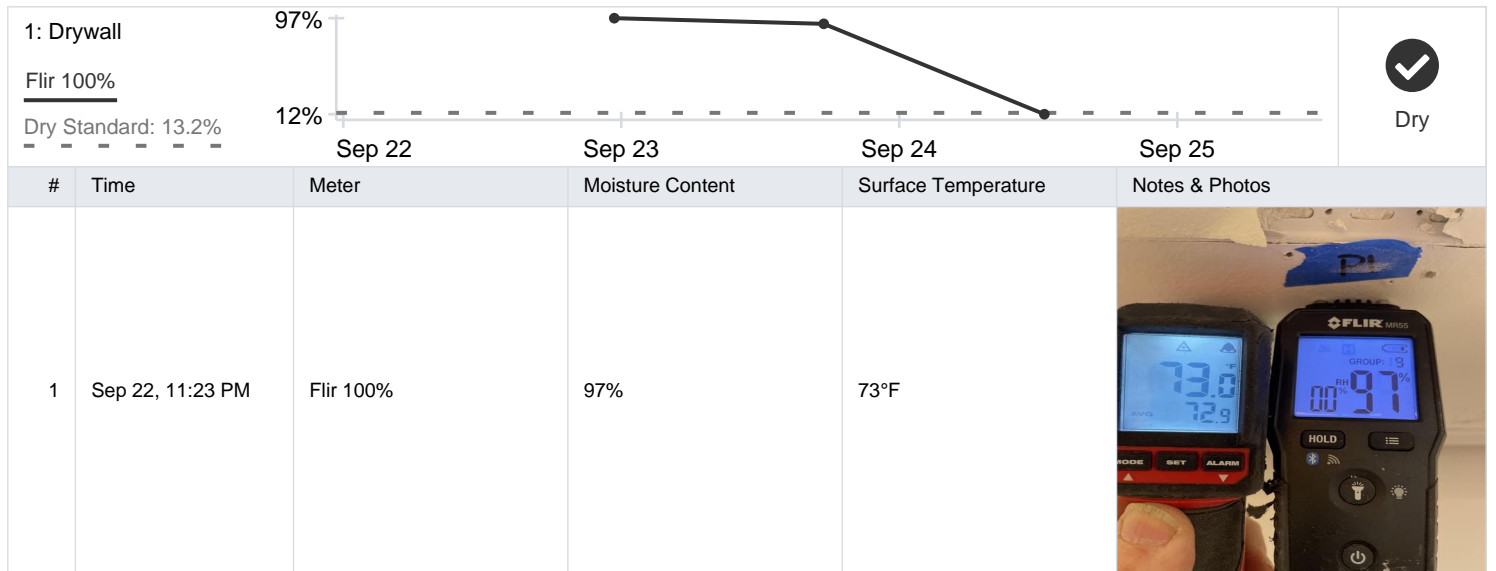
## Affected Area Readings





Affected Area: 149 Storytime

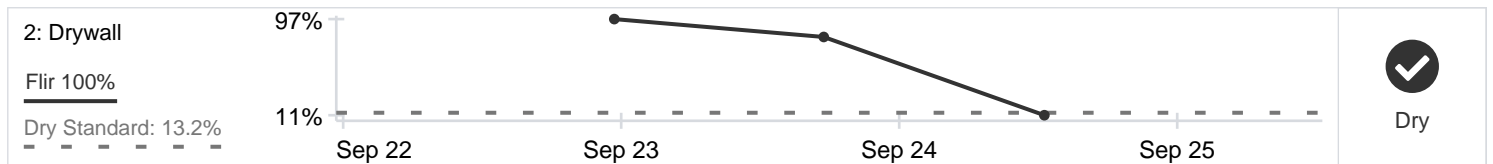


Point 1:




#	Time	Meter	Moisture Content	Surface Temperature	Notes & Photos
2	Sep 23, 5:28 PM	Flir 100%	92%	80.4°F	
3	Sep 24, 12:31 PM	Flir 100%	12%	80°F	

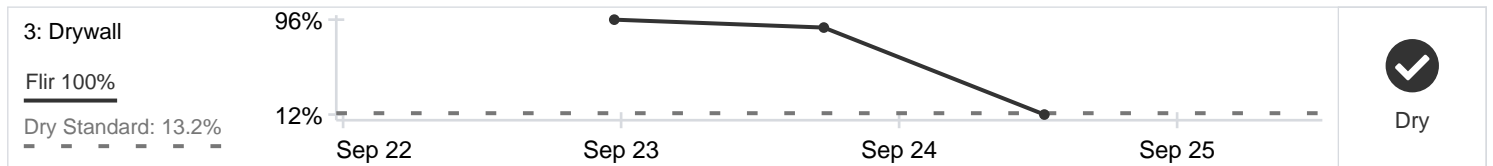
Point 2:



#	Time	Meter	Moisture Content	Surface Temperature	Notes & Photos
1	Sep 22, 11:24 PM	Flir 100%	97%	70.7°F	
2	Sep 23, 5:29 PM	Flir 100%	81%	82°F	



#	Time	Meter	Moisture Content	Surface Temperature	Notes & Photos
3	Sep 24, 12:31 PM	Flir 100%	11%	80.1°F	

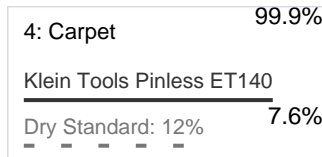
Point 3:



#	Time	Meter	Moisture Content	Surface Temperature	Notes & Photos
1	Sep 22, 11:24 PM	Flir 100%	96%	70.9°F	
2	Sep 23, 5:29 PM	Flir 100%	89%	81.2°F	
3	Sep 24, 12:32 PM	Flir 100%	12%	80.2°F	

Point 4:

#	Time	Meter	Moisture Content	Surface Temperature	Notes & Photos
1	Sep 22, 11:25 PM	Klein Tools Pinless ET140	99.9%	66.4°F	
2	Sep 23, 5:31 PM	Klein Tools Pinless ET140	7.6%	83.5°F	



Equipment List: 149 Storytime

Dehumidifier: BlueDri / OmniDry / Zephyr BLUEDRI™ BD-COMMERCIAL DEHUMIDIFIER BLUE [BD76P] (48)

Placed	Removed	Power	Energy usage	Days on site
Sep 22, 11:22 PM	Oct 1, 8:24 PM	0.84 kW	178.84 kWh	9 days








#	Time	Relative Humidity	Specific Humidity	Air Temperature	Grain Depression	Hours Running	Notes & Photos
1	Sep 22, 11:28 PM	16.3%	43 gpp	97.5°F	18 gpp		
2	Sep 23, 5:25 PM	37.4%	59.9 gpp	81.5°F	16 gpp		
3	Sep 24, 12:34 PM	32.4%	66 gpp	89°F	5 gpp		

**Air Movers: 149 Storytime**

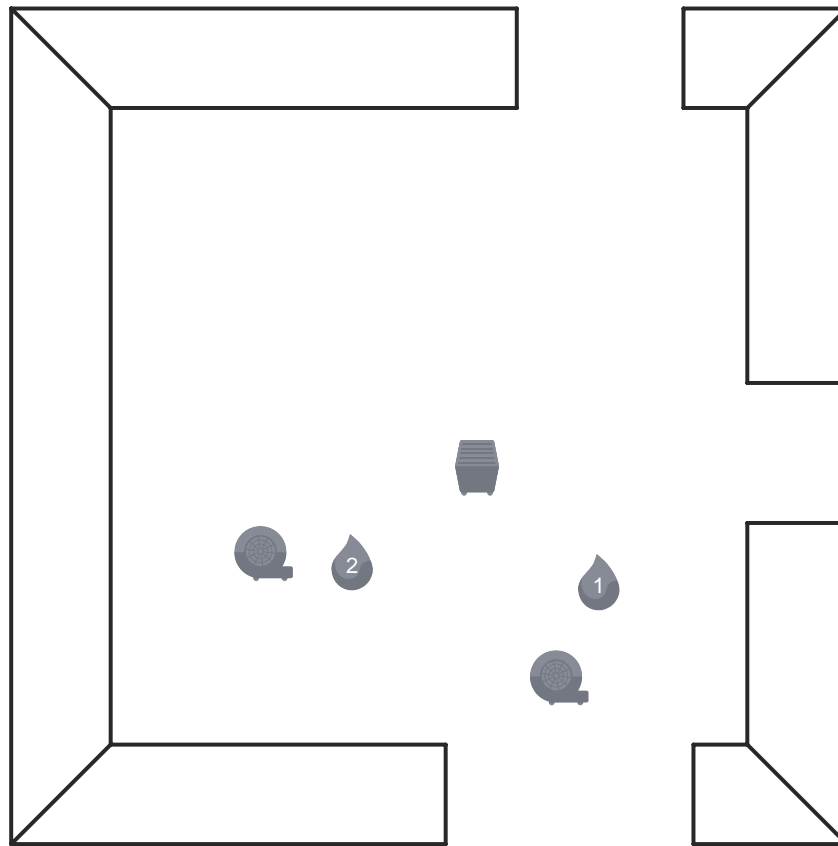
Name	Placed	Removed	Power	Energy usage	Days on site
Xpower XPOWER X-34AR Professional Sealed Motor Axial Fan [X34AR] (501)	Sep 22, 11:21 PM	Oct 1, 8:24 PM	0.18 kW	39.20 kWh	9 days
Xpower X-39AR (299)	Sep 22, 11:21 PM	Oct 1, 8:24 PM	0.23 kW	49 kWh	9 days

# Drying Chamber: 115 Staff Only

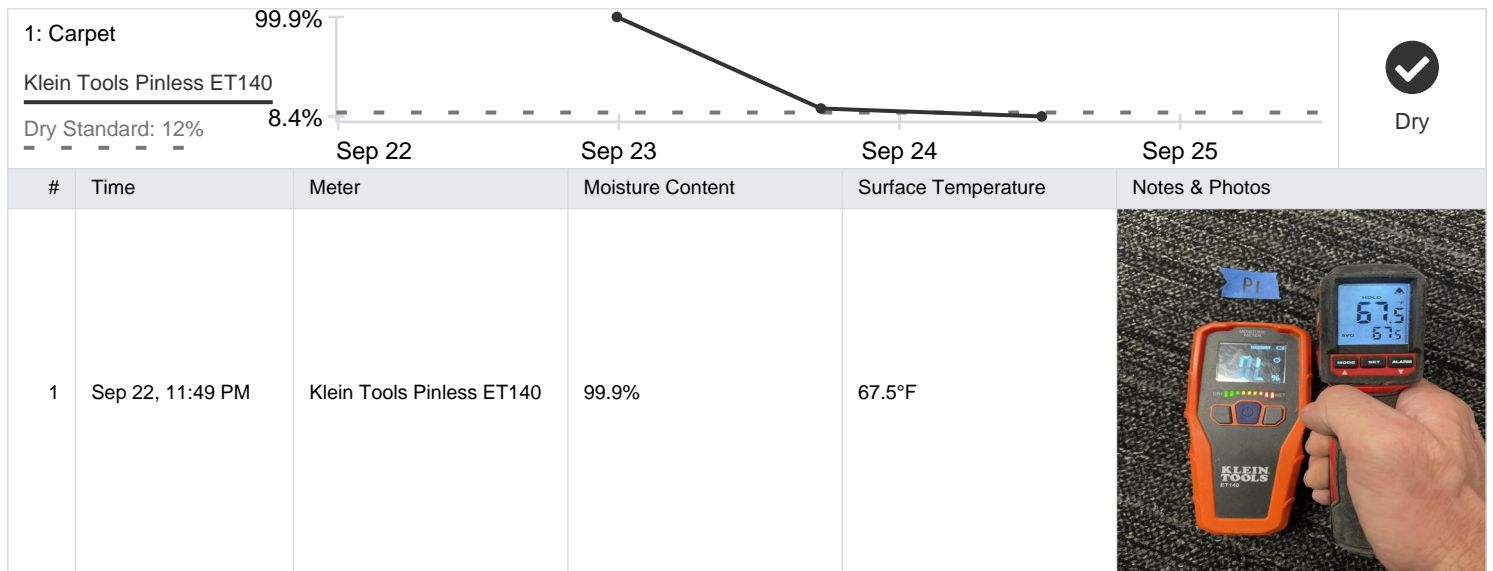
## Affected Area Readings



115 Staff Only Drying Chamber						
Relative Humidity						
#	Time	Room	Relative Humidity	Specific Humidity	Air Temperature	Notes & Photos
1	Sep 22, 11:47 PM	115 Staff Only	54%	67.4 gpp	73.9°F	
2	Sep 23, 5:15 PM	115 Staff Only	56.9%	72.7 gpp	74.6°F	
3	Sep 24, 12:08 PM	115 Staff Only	55%	72 gpp	75.3°F	

Affected Area: 115 Staff Only

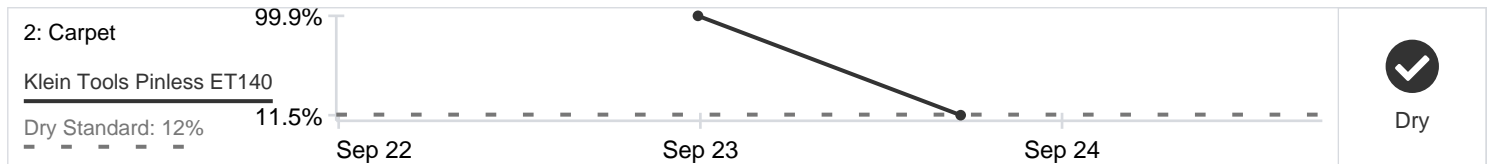



Point 1:



#	Time	Meter	Moisture Content	Surface Temperature	Notes & Photos
2	Sep 23, 5:16 PM	Klein Tools Pinless ET140	15.7%	73°F	
3	Sep 24, 12:09 PM	Klein Tools Pinless ET140	8.4%	71.8°F	

Point 2:



#	Time	Meter	Moisture Content	Surface Temperature	Notes & Photos
1	Sep 22, 11:50 PM	Klein Tools Pinless ET140	99.9%	68.5°F	
2	Sep 23, 5:16 PM	Klein Tools Pinless ET140	11.5%	73.4°F	

Equipment List: 115 Staff Only

Dehumidifier: BlueDri / OmniDry / Zephyr BLUE DRI™ BD-COMMERCIAL DEHUMIDIFIER BLUE [BD76P] (103)

Placed Sep 22, 11:53 PM      Removed Oct 1, 8:24 PM      Power 0.84 kW      Energy usage 178.42 kWh      Days on site 9 days

BlueDri / OmniDry / Zephyr BLUE DRI™ BD-COMMERCIAL DEHUMIDIFIER BLUE [BD76P] (103)



Relative Humidity

#	Time	Relative Humidity	Specific Humidity	Air Temperature	Grain Depression	Hours Running	Notes & Photos
1	Sep 22, 11:58 PM	17.5%	46.5 gpp	97.7°F	21 gpp		
2	Sep 23, 5:24 PM	34.2%	60.7 gpp	84.7°F	12 gpp		
3	Sep 24, 12:10 PM	40%	64.1 gpp	81.5°F	8 gpp		

Air Movers: 115 Staff Only

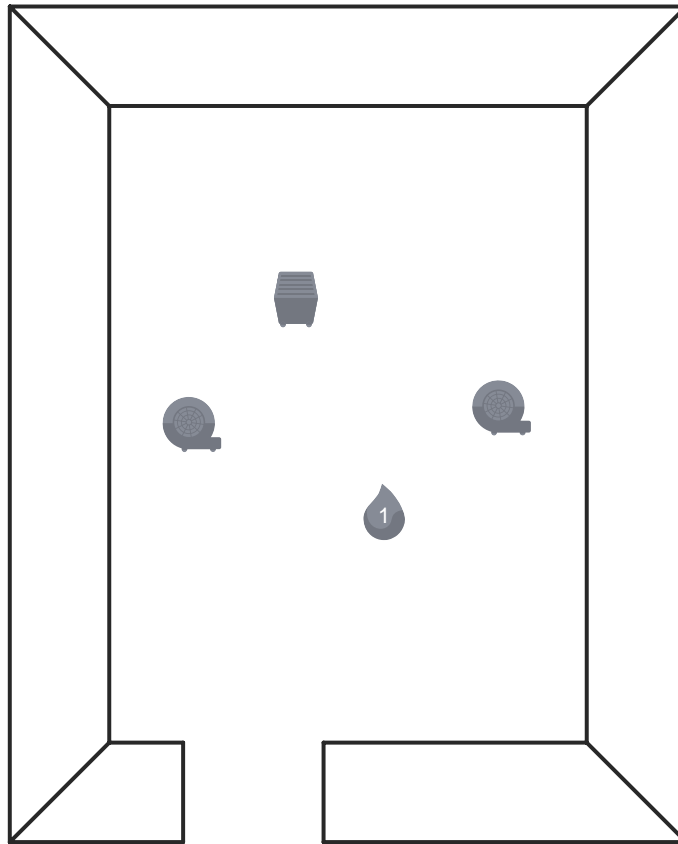
Name	Placed	Removed	Power	Energy usage	Days on site
Xpower XPOWER X-34AR Professional Sealed Motor Axial Fan [X34AR] (298)	Sep 22, 11:51 PM	Oct 1, 8:24 PM	0.18 kW	39.11 kWh	9 days
Xpower XPOWER X-34AR Professional Sealed Motor Axial Fan [X34AR] (2)	Sep 22, 11:52 PM	Oct 1, 8:24 PM	0.18 kW	39.11 kWh	9 days

# Drying Chamber: 133

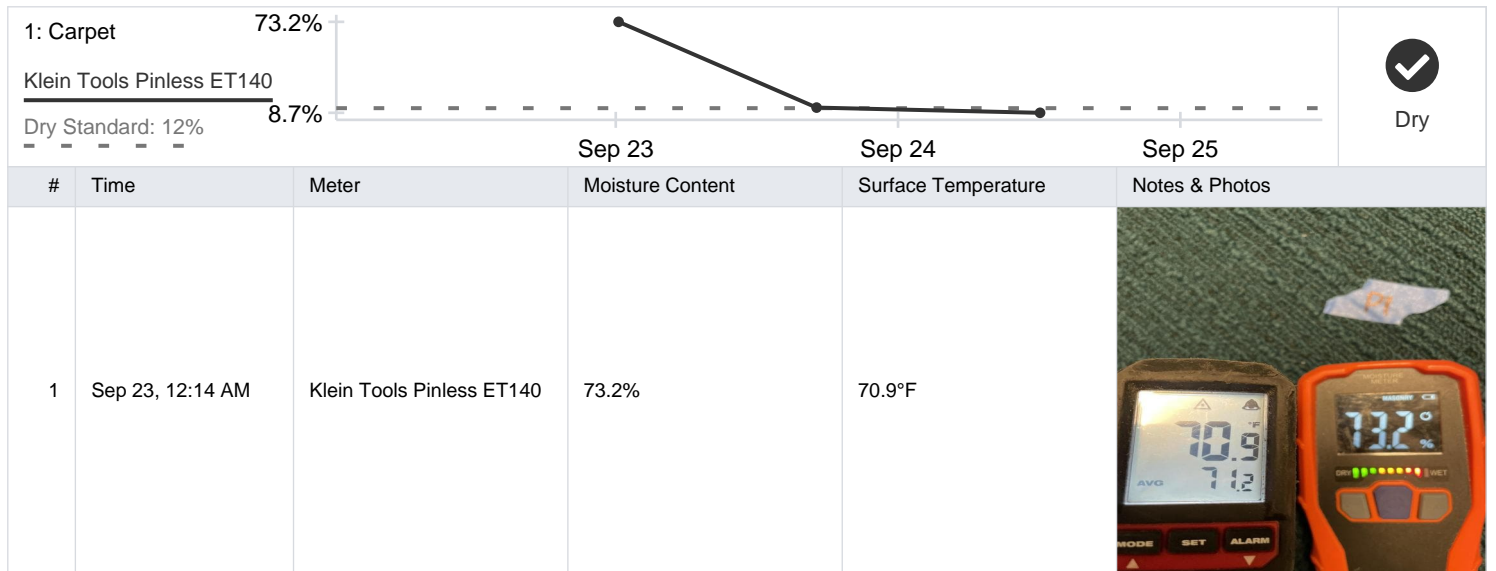
## Affected Area Readings





Affected Area: 133



Point 1:

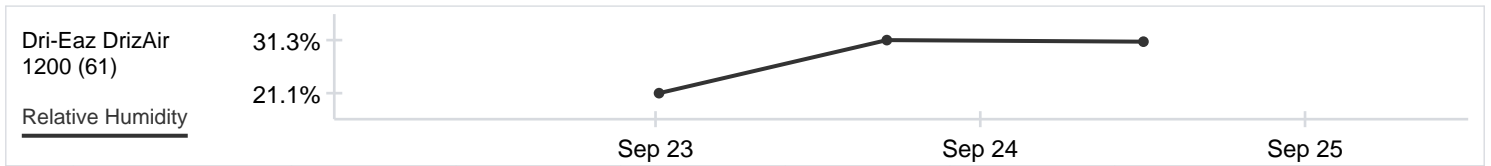



#	Time	Meter	Moisture Content	Surface Temperature	Notes & Photos
2	Sep 23, 5:04 PM	Klein Tools Pinless ET140	12.4%	85.3°F	
3	Sep 24, 12:04 PM	Klein Tools Pinless ET140	8.7%	77.9°F	

Equipment List: 133

Dehumidifier: Dri-Eaz DrizAir 1200 (61)

Placed Sep 23, 12:10 AM      Removed Oct 1, 8:24 PM      Power 0.74 kW      Energy usage 156.21 kWh      Days on site 9 days



#	Time	Relative Humidity	Specific Humidity	Air Temperature	Grain Depression	Hours Running	Notes & Photos
1	Sep 23, 12:15 AM	21.1%	51.3 gpp	94.8°F	7 gpp		



#	Time	Relative Humidity	Specific Humidity	Air Temperature	Grain Depression	Hours Running	Notes & Photos
2	Sep 23, 5:05 PM	31.3%	67.9 gpp	91°F	7 gpp		
3	Sep 24, 12:03 PM	31%	56.2 gpp	85.4°F	-6 gpp		

**Air Movers: 133**

Name	Placed	Removed	Power	Energy usage	Days on site
Xpower X-39AR (372)	Sep 23, 12:11 AM	Oct 1, 8:24 PM	0.23 kW	48.81 kWh	9 days
Xpower X-39AR (393)	Sep 23, 12:12 AM	Oct 1, 8:24 PM	0.23 kW	48.80 kWh	9 days

## Unaffected Areas

Unaffected Area: 307 Literacy

No readings

Equipment List: 307 Literacy

None

Unaffected Area: 305 Pioneer

No readings

Equipment List: 305 Pioneer

None

Unaffected Area: 301 Oklahoma

No readings

Equipment List: 301 Oklahoma

None

Unaffected Area: 309 Staff

No readings

Equipment List: 309 Staff

None

Unaffected Area: Stairwell 1

No readings

Equipment List: Stairwell 1

None