



Monomoy Regional Middle School Air Quality Testing Report

Reason for Testing: Staff Concerns

Date of Testing: December 16, 2022

Description: Investigation of classroom odor. Visual inspection, moisture testing.

Conducted By: Marina Brock, Barnstable County

Summary of Findings: Strong smell of mildew, appeared to come from uninvent, identification of damp building exterior.

District Response: Maintenance of ventilation system. Further investigation of building exterior.



Richard Travers <rtravers@monomoy.edu>

Quick Summary Report - Monomoy Middle School "Odor"

7 messages

marina.brock2@verizon.net <marina.brock2@verizon.net>

Fri, Dec 16, 2022 at 5:59 PM

To: "Travers, Rick" <rtravers@monomoy.edu>, Ryanna Caivano <rcaivano@monomoy.edu>

Hello Rick and Ryanna,

Thank you for allowing me to assist you with a classroom odor issue at your Monomoy Middle School. The classroom was closed down for the weekend, but the univent was on when we arrived. The odor of mildew was powerful when we entered the room.

We surveyed the area for 30 minutes but could find no obvious source explaining the odor's intensity. Next, we noticed that the smell was coming from the univent blower, yet the univent had been cleaned, and the filter had been changed. Finally, we checked to see if the odor was being entrained from the intake under the unit, and there was no indication that this was the case.

We moved outside to evaluate the outside of the building, windows, and external univent. We detected what appears to be chronically wet shingles and window trim using my moisture meter. Several areas we tested under and adjacent to the window trim and sill indicated wetted external building envelope materials in the moisture "action" zone. I believe water is somehow entering into and behind the wall through the window trim or elsewhere, draining to the side or behind the univent and creating a chronically wet condition. I think the univent (although not visibly wet upon inside-of-the room inspection), may be drawing in the odor from the adjacent and possibly internal wetted materials. The odor seems to be too strong to be something minor emanating from inside the room.

I suggest hiring a contractor to survey or open the outside wall for a visual determination and validation and, if necessary, to determine a course of action.

I hope I am correct, but the contractor should be able to assist with an external determination.

Please let me know if I can be of further assistance.

Sincerely,

Marina

Marina M. Brock, PhD(c), MS, RS

Representing:

Barnstable County Department of Health and Environment

P.O. Box 427

Barnstable County Complex

Barnstable MA 02630

Mobile 774-212-4059

Email – marina.brock2@verizon.net

<http://www.barnstablecountyhealth.org/>



Travers, Rick <rtravers@monomoy.edu>
To: [marinabrock](mailto:marinabrock@verizon.net) <marina.brock2@verizon.net>

Sat, Dec 17, 2022 at 9:17 AM

Thank you Marina! We have moved forward with a contractor.
Do you feel that it would make sense to test the air quality in thst particular space at this point?
[Quoted text hidden]

2 attachments



image001.png
15K



image001.png
15K

Travers, Rick <rtravers@monomoy.edu>
To: "O'Shea, Adam" <aoshea@monomoy.edu>

Sat, Dec 17, 2022 at 9:17 AM

[Quoted text hidden]

2 attachments



image001.png
15K



image001.png
15K

MARINA BROCK <marina.brock2@verizon.net>

Sat, Dec 17, 2022 at 1:23 PM

To: "Travers, Rick" <rtravers@monomoy.edu>

No, I don't as the smell of mildew is the "body odor" of mold. If when the wall is opened, take some tape samples if you find an issue and I will identify the mold present and report. I think if she runs the air filtration unit it should be fine. Once we know if there is any issue it may make sense to NOT run the univent blower until it is fixed. Keep me posted as you get information and I can help as it moves along. Without knowing what's going on it would be wasteful to collect air samples and they would be relatively meaningless at this point.

Sent from my iPhone

On Dec 17, 2022, at 9:17 AM, Travers, Rick <rtravers@monomoy.edu> wrote:

[Quoted text hidden]

Travers, Rick <rtravers@monomoy.edu>

Sat, Dec 17, 2022 at 6:27 PM

To: MARINA BROCK <marina.brock2@verizon.net>

Understood! Thank you and I will keep you in the loop for sure. Have a nice weekend!

[Quoted text hidden]

Travers, Rick <rtravers@monomoy.edu>

Mon, Dec 19, 2022 at 12:56 PM

To: "O'Shea, Adam" <aoshea@monomoy.edu>

Cc: Ryanna Caivano <rcaivano@monomoy.edu>

Just FYI

----- Forwarded message -----

From: **MARINA BROCK** <marina.brock2@verizon.net>

Date: Sat, Dec 17, 2022 at 1:24 PM

Subject: Re: Quick Summary Report - Monomoy Middle School "Odor"

To: Travers, Rick <rtravers@monomoy.edu>

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Rick Travers

District Facilities Director

Monomoy Regional School District

508-400-5410-Cell

508-945-5148-Office

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Travers, Rick <rtravers@monomoy.edu>
To: "Hanna, Tracey" <thanna@monomoy.edu>

Mon, Dec 19, 2022 at 2:38 PM

Here you go.

----- Forwarded message -----

From: <marina.brock2@verizon.net>

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