

May 31, 2025

Mr. Nicholas Crupi, CEFM  
Director, Buildings and Grounds  
Scotch Plains - Fanwood Public Schools  
512 Cedar Street  
Scotch Plains, NJ 07076

Dear Mr. Crupi,

This report outlines findings from [ESM Corp's](#) May 27-28, 2025 Indoor Air Quality monitoring at each of the 8 Scotch Plains-Fanwood Schools. This assessment was conducted as part of the Scotch Plains – Fanwood Schools routine preventative indoor air quality program to ensure acceptable air quality for students, staff and visitors.

The purposes of this inspection were the following:

- Determine if air quality parameters including fresh air supply, volatile organic compounds, carbon monoxide, temperature and humidity were within expected ranges.
- Determine if the school is in general compliance with the PEOSHA Indoor Air Quality Standard and current guidelines by the State of New Jersey and the CDC with respect to ventilation in classrooms.

The inspections, data analysis and report were conducted Mr. Richard A. Lynch, MBA, CIH, CIEC of Environmental Safety Management Corporation.

#### Executive Summary

The May 2025 4<sup>th</sup> Quarter routine Indoor Air Quality Assessment of the Scotch Plains – Fanwood schools revealed that fresh air supply rates were within normal expected ranges in a most of the 195 rooms inspected throughout the 8 schools in accordance with PEOSHA, CDC and NJ Department of Education guidelines. There were no musty odors, no widespread visible water damage, and no visible mold contamination observed. There were no elevations in carbon monoxide or volatile organic compounds. Temperature and relative humidity were within normal ranges given outdoor conditions at each of the schools.

#### **I. Evaluation Criteria**

For mechanically ventilated schools, The [NJ PEOSHA Indoor Air Quality Standard](#) requires that HVAC systems be inspected and maintained in accordance with manufacturer specifications and that damaged components be repaired. According to the standard, when indoor air levels of carbon dioxide exceed 1,000 parts per million the employer inspect the system to ensure that it is operating as it should NJAC 12:100-13.3. The standard also recommends where controllable be maintained between 68-72°F during the heating season, 74-78°F during the cooling season and 68-79°F during the transition seasons; all ideally at 30-60% relative humidity.

In non-mechanically ventilated buildings the PEOSHA standard requires that the employer “Assure that buildings without mechanical ventilation are maintained so that windows, doors, vents, stacks, and other portals designed or used for natural ventilation are in operable condition (NJAC 12: 100-13.3-6). In naturally ventilated classrooms (rooms with no mechanical ventilation systems such as unit ventilators, or rooftop air handlers), it is recommended that windows be opened to the maximum extent possible given temperature and security concerns.

## **II. Methods**

Based upon the above, the following methods were observed:

1. A visual inspection of a representative sample of classrooms within each building was conducted for indications of air quality concerns including water damage, musty odors, air flow and general cleanliness.
2. Carbon Dioxide (CO<sub>2</sub>) was measured as an indicator of fresh air supply in each of the representative areas evaluated at the center of the room, and where accessible, at the discharge of unit ventilators, using a TSI Q-Trak 7575 IAQ Monitor. Carbon monoxide, temperature and relative Humidity were also measured.
3. Volatile Organic Compounds (VOC's) were measured using a Toxi Rae or Mini Rae 2000 Photoionizer calibrated to isobutylene.

## **III. Findings and Results**

### General Observations

- Approximately 195 classrooms throughout the district were inspected and monitored during normal occupancy by students and staff.
- Classrooms were occupied by an average of 3 to 17 students at the time of assessment.
- Unit ventilators in over 86% of classrooms throughout the district were operating at the time of inspection.
- Windows were closed in most classrooms in each building. On average zero (0) were open in each classroom at the time of inspection.
- There were no indications of unusual accumulations of dust or debris in any areas.
- There were no mold-like or musty odors present, and no evidence of unusual mold growth in the areas inspected.

### Air Monitoring Findings

- Outdoor air was measured to contain approximately 415 to 457 parts per million carbon dioxide with temperature averaging 76°F on May 27<sup>th</sup> and 58°F on May 28<sup>th</sup>. Outdoor Relative humidity averaged approximately 30% on May 27<sup>th</sup> and 63% on May 28<sup>th</sup>.
- The average carbon dioxide level in all classrooms monitored was 1019 parts per million; approximately equivalent to the PEOSHA guideline of 1000 ppm and the ASHRAE guideline of 700 ppm above outdoor levels. Based upon the above, fresh air introduction rates as indicated by carbon dioxide levels were within PEOSHA/ASHRAE guidelines in a large majority of classrooms inspected, indicating that rooftop air handlers and unit ventilators were operating per design.
- There were no elevations in carbon monoxide or volatile organic compounds detected in any of the classrooms monitored.
- Temperature and relative humidity were within the PEOSH recommended range in most areas tested, averaging 72@ 48% RH, and considered normal given outdoor conditions.

A summary of inspection findings and air quality results is displayed in Table #1 below.

**Table #1 – Air Quality Summary May 27-28, 2025 - Scotch Plains Fanwood Schools**

	Total Rooms inspected	Average CO2 levels (center of room)	Average Temperature (°F)	Average Relative Humidity (%)	Average number of windows open	Average number of students present
<b>Scotch Plains - Fanwood High School</b>	47	1017	73	47	0	9
<b>Evergreen Elementary</b>	23	919	71	47	0	15
<b>Coles Elementary</b>	19	1162	71	54	0	17
<b>Terrill Middle School</b>	23	1282	73	51	1	17
<b>McGinn Elementary</b>	18	894	72	48	0	16
<b>Malcolm E. Nettingham Middle School</b>	31	958	73	47	0	11
<b>School One Elementary</b>	17	646	72	43	0	3
<b>Brunner Elementary</b>	17	1267	71	50	0	15
Total	195	-	-	-	-	-
Average	24	1019	72	48	0	13

Detailed classroom findings and recommendations are contained on Table #2 at the end of this report.

#### **IV. Conclusions and Recommendations**

The May 2025 4<sup>th</sup> Quarter routine Indoor Air Quality Assessment of the Scotch Plains – Fanwood schools revealed that fresh air supply rates were within normal expected ranges in a most of the 195 rooms inspected throughout the 8 schools in accordance with PEOSHA, CDC and NJ Department of Education guidelines. There were no musty odors, no widespread visible water damage, and no visible mold contamination observed. There were no elevations in carbon monoxide or volatile organic compounds. Temperature and relative humidity were within normal ranges given outdoor conditions at each of the schools.

##### Recommendations

1. Unit ventilators and rooftop HVAC systems in particular classrooms as shown in school-specific Tables at the end of this report should be inspected for airflow rates and/or fresh air damper position.
2. Teachers should be encouraged to open as many windows as is feasible given outdoor temperature and humidity conditions, keep unit ventilators running, and operate supplemental air filters in classrooms where provided by the district.

Thank you for the opportunity to assist you with the evaluation. Our next routine scheduled monitoring will be scheduled for October 2025. Please contact me with any questions at (856)764-3557.

Sincerely,  
*Richard A. Lynch*  
 Richard A. Lynch, MBA, CIH, CIEC  
 Certified Industrial Hygienist  
 NJ Licensed Indoor Environmental Consultant  
[www.esmcorp.com](http://www.esmcorp.com)

Reviewed and Authorized:  
*Richard M. Lynch*  
 Richard M. Lynch, Ph.D., CIH, CMC, CMRS, CHFM  
 NJ Licensed Indoor Environmental Consultant  
 President, ESMCorp  
[rlynch@esmcorp.com](mailto:rlynch@esmcorp.com)

School Name **Scotch Plains - Fanwood High School**

Inspection Type **Mold/Air Quality Inspection**

Date of inspection **5/27/2025**

Inspected Reviewed and Finalized **Mr. Richard A. Lynch, MBA, CIH, CIEC**

by: **Dr. Richard M. Lynch, Ph.D., CIH, CMC, CMRS, CHFM - President**



Location	General Observations						Average Room Measurements				Supply Measurements		
	visible mold	Musty Odors?	Visible Water Damage?	HVAC running	Actual students	Windows Open?	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	°F	Relative Humidity %	VOC	CO2 @ Supply	notes
outside	-	-	-	-	-	-	451	0	76	33	0	-	
171	no	no	no	yes	0	0	610	0	73	52	0	521	
151	no	no	no	yes	6	0	625	0	74	44	0	roof	
111	no	no	no	yes	0	0	656	0	73	44	0	roof	
156	no	no	no	yes	1	0	756	0	73	47	0	718	
202	no	no	no	yes	13	2	775	0	73	43	0	roof	
212	no	no	no	yes	1	0	781	0	74	44	0	roof	
210	no	no	no	yes	1	1	787	0	73	44	0	roof	
242	no	no	no	yes	11	0	787	0	72	47	0	roof	
122	no	no	no	yes	1	0	797	0	72	47	0	roof	
154	no	no	no	no	2	0	830	0	73	46	0	-	reactivate unit ventilator
120	no	no	no	yes	21	0	836	0	72	48	0	roof	
128	no	no	no	yes	18	0	838	0	74	44	0	roof	
164	no	no	no	yes	4	0	842	0	72	53	0	731	
141	no	no	no	yes	1	0	849	0	73	46	0	roof	
130	no	no	no	yes	12	0	854	0	72	42	0	roof	
129	no	no	no	yes	17	0	867	0	74	45	0	roof	
204	no	no	no		21	0	874	0	73	45	0	roof	
215	no	no	no	yes	24	0	878	0	74	45	0	roof	
133	no	no	no	yes	20	0	885	0	71	44	0	roof	
247	no	no	no	yes	18	0	885	0	72	48	0	roof	
207	no	no	no	yes	17	0	894	0	73	45	0	roof	
211	no	no	no	yes	22	0	898	0	74	47	0	roof	
236	no	no	no	yes	4	0	900	0	72	48	0	roof	

School Name **Scotch Plains - Fanwood High School**  
 Inspection Type **Mold/Air Quality Inspection**  
 Date of inspection **5/27/2025**



Inspected Reviewed and Finalized **Mr. Richard A. Lynch, MBA, CIH, CIEC**  
 by: **Dr. Richard M. Lynch, Ph.D., CIH, CMC, CMRS, CHFM - President**

Location	General Observations						Average Room Measurements				Supply Measurements		
	visible mold	Musty Odors?	Visible Water Damage?	HVAC running	Actual students	Windows Open?	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	°F	Relative Humidity %	VOC	CO2 @ Supply	notes
138	no	no	no	yes	7	0	909	0	73	47	0	roof	
140	no	no	no	yes	25	0	919	0	73	48	0	roof	
142	no	no	no	yes	19	0	919	0	73	47	0	roof	
135	no	no	no	yes	6	0	921	0	72	48	0	roof	
240	no	no	no	yes	24	0	928	0	73	48	0	roof	
238	no	no	no	yes	25	0	943	0	73	47	0	roof	
234	no	no	no	yes	19	0	953	0	73	49	0	roof	
139	no	no	no		22	0	955	0	72	47	0	roof	
137	no	no	no	yes	20	0	956	0	73	47	0	roof	
224	no	no	no	yes	0	0	964	0	73	47	0	roof	
265	no	no	no	no	0	0	1053	0	73	49	0	-	reactivate unit ventilator
275	no	no	no	yes	0	0	1058	0	74	49	0	810	
278	no	no	no	no	0	0	1080	0	73	45	0	842	
256	no	no	no	yes	1	0	1111	0	73	48	0	981	inspect unit ventilator for fan speed and damper position
268	no	no	no	yes	1	0	1157	0	74	48	0	753	inspect unit ventilator for fan speed and damper position
245	no	no	no	yes	25	0	1219	0	74	52	0	roof	inspect rooftop unit for fan speed and damper position
176	no	no	no	yes	6	0	1232	0	73	54	0	1199	inspect unit ventilator for fan speed and damper position
173	no	no	no	no	0	0	1368	0	72	50	0	-	reactivate unit ventilator
260	no	no	no	yes	1	0	1478	0	73	40	0	1290	inspect unit ventilator for fan speed and damper position
252	no	no	no	no	1	0	1489	0	73	51	0	-	reactivate unit ventilator
152	no	no	no	no	6	0	1568	0	73	50	0	-	reactivate unit ventilator
271	no	no	no	yes	0	0	1736	0	74	50	0	1721	inspect unit ventilator for fan speed and damper position
281	no	no	no	yes	0	0	1787	0	72	43	0	1685	inspect unit ventilator for fan speed and damper position
280	no	no	no	no	0	0	2343	0	73	53	0	-	reactivate unit ventilator
				Average	9	0	1016	0	73	47	0	1023	

School Name **Evergreen Elementary**  
Inspection Type **Mold/Air Quality Inspection**  
Date of inspection **5/28/2025**  
Inspected Reviewed and Finalized **Mr. Richard A. Lynch, MBA, CIH, CIEC**  
by: **Dr. Richard M. Lynch, Ph.D., CIH, CMC, CMRS, CF**



Location	General Observations						Average Room Measurements				Supply Measurements		
	visible mold	Musty Odors?	Visible Water Damage?	HVAC running	Actual students	Windows Open?	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	°F	Relative Humidity %	VOC	CO2 @ Supply	notes
outside	-	-	-	-	-	-	437	0	58	57	0	-	
155	no	no	no	yes	4	0	599	0	70	42	0	roof	
108	no	no	no	yes	0	0	614	0	70	45	0	535	
106	no	no	no	yes	0	0	643	0	70	45	0	632	
152	no	no	no	yes	23	0	652	0	71	41	0	roof	
128	no	no	no	yes	1	0	654	0	71	47	0	501	
149	no	no	no	yes	12	0	687	0	71	41	0	roof	
129	no	no	no	yes	18	0	775	0	70	47	0	555	
107	no	no	no	no	7	0	793	0	70	46	0	-	
112	no	no	no	yes	15	0	846	0	71	48	0	roof	
131	no	no	no	yes	20	0	854	0	72	45	0	589	
141	no	no	no	yes	10	0	854	0	71	49	0	694	
123	no	no	no	yes	20	0	904	0	71	49	0	850	
119	no	no	no	yes	22	0	924	0	72	42	0	632	
114	no	no	no	yes	21	0	935	0	73	48	0	roof	
135	no	no	no	yes	23	0	942	0	71	49	0	710	
117	no	no	no	yes	17	0	954	0	73	49	0	roof	
118	no	no	no	yes	17	0	959	0	72	47	0	853	
115	no	no	no	yes	20	0	987	0	74	44	0	roof	
150	no	no	no	yes	18	0	1075	0	72	49	0	roof	
127	no	no	no	yes	23	0	1134	0	72	49	0	798	inspect unit ventilator for fan speed and damper position
139	no	no	no	yes	18	0	1215	0	72	51	0	1014	inspect unit ventilator for fan speed and damper position
120	no	no	no	yes	8	0	1325	0	72	52	0	1257	inspect unit ventilator for fan speed and damper position
134	no	no	no	no	21	0	1789	0	73	57	0	-	reactivate unit ventilator

School Name **Evergreen Elementary**  
 Inspection Type **Mold/Air Quality Inspection**  
 Date of inspection **5/28/2025**  
 Inspected Reviewed and Finalized **Mr. Richard A. Lynch, MBA, CIH, CIEC**  
 by: **Dr. Richard M. Lynch, Ph.D., CIH, CMC, CMRS, CF**



Location	General Observations						Average Room Measurements				Supply Measurements		
	visible mold	Musty Odors?	Visible Water Damage?	HVAC running	Actual students	Windows Open?	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	°F	Relative Humidity %	VOC	CO2 @ Supply	notes
outside	-	-	-	-	-	-	437	0	58	57	0	-	
155	no	no	no	yes	4	0	599	0	70	42	0	roof	
108	no	no	no	yes	0	0	614	0	70	45	0	535	
				Average	15	0	918	0	71	47	0	740	

School Name **Coles Elementary**

Inspection Type **Mold/Air Quality Inspection**

Date of inspection **5/28/2025**

Inspected Reviewed and Finalized **Mr. Richard A. Lynch, MBA, CIH, CIEC**

by: **Dr. Richard M. Lynch, Ph.D., CIH, CMC, CMRS, CHFI**



Location	General Observations						Average Room Measurements				Supply Measurements		
	visible mold	Musty Odors?	Visible Water Damage?	HVAC running	Actual students	Windows Open?	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	°F	Relative Humidity %	VOC	CO2 @ Supply	notes
outside	-	-	-	-	-	-	457	0	57	48	0	-	
131	no	no	no	yes	3	0	537	0	71	48	0	roof	
128	no	no	no	yes	1	0	585	0	70	48	0	roof	
121	no	no	no	yes	22	2	899	0	72	53	0	610	
142	no	no	no	no	0	0	943	0	71	51	0	-	
139	no	no	no	yes	22	2	1054	0	71	55	0	856	
137	no	no	no	yes	25	0	1068	0	71	56	0	920	
110	no	no	no	yes	17	0	1074	0	71	49	0	864	
134	no	no	no	yes	18	0	1087	0	71	54	0	912	
116	no	no	no	no	24	2	1132	0	71	55	0	912	
113	no	no	no	yes	16	0	1138	0	71	55	0	1048	
114	no	no	yes	yes	18	0	1139	0	71	56	0	915	
148	no	no	no	yes	17	0	1158	0	71	56	0	978	
136	no	no	no	no	25	0	1168	0	71	48	0	697	
117	no	no	no	yes	14	0	1384	0	71	54	0	1033	inspect unit ventilator for fan speed and damper position
112	no	no	no	yes	15	0	1456	0	71	53	0	1364	inspect unit ventilator for fan speed and damper position
145	no	no	no	no	22	0	1479	0	71	54	0	-	reactivate unit ventilator
120	no	no	no	yes	14	0	1484	0	71	56	0	1297	inspect unit ventilator for fan speed and damper position
118	no	no	no	yes	19	0	1567	0	71	58	0	1425	inspect unit ventilator for fan speed and damper position
140	no	no	no	yes	25	0	1687	0	72	60	0	1418	inspect unit ventilator for fan speed and damper position
Average					17	0	1160	0	71	54	0	1017	



School Name **Terrill Middle School**  
Inspection Type **Mold/Air Quality Inspection**  
Date of inspection **5/27/2025**  
Inspected Reviewed and Finalized **Mr. Richard A. Lynch, MBA, CIH, CIEC**  
by: **Dr. Richard M. Lynch, Ph.D., CIH, CMC, CMRS, CHFM**



Location	General Observations						Average Room Measurements				Supply Measurements		
	visible mold	Musty Odors?	Visible Water Damage?	HVAC running	Actual students	Windows Open?	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	°F	Relative Humidity %	VOC	CO2 @ Supply	notes
outside	-	-	-	-	-	-	415	0	75	28	0	-	
3	no	no	no	yes	0	0	850	0	74	51	0	578	
7	no	no	no	yes	22	5	853	0	77	43	0	723	
2	no	no	no	yes	0	0	865	0	74	53	0	720	
8	no	no	no	yes	22	3	865	0	77	42	0	756	
40	no	no	no	no	23	2	895	0	72	51	0	-	reactivate unit ventilator
15	no	no	no	yrs	11	0	952	0	75	47	0	789	
13	no	no	no	yes	20	0	953	0	75	50	0	621	
6	no	no	no		0	0	955	0	74	53	0	890	
17	no	no	no	yes	17	0	965	0	75	51	0	789	
35	no	no	no	yes	22	0	1046	0	71	51	0	770	
19	no	no	no	yes	23	0	1115	0	74	51	0	739	
12	no	no	no	yes	22	0	1157	0	75	50	0	973	
27	no	no	no	yes	5	0	1189	0	71	45	0	1055	
10	no	no	no	yes	21	4	1269	0	74	55	0	1030	
30	no	no	no	yes	26	1	1357	0	71	51	0	1111	inspect unit ventilator for fan speed and damper position
28	no	no	no	yes	25	0	1357	0	71	49	0	1111	inspect unit ventilator for fan speed and damper position
39	no	no	no	no	1	0	1357	0	73	52	0	-	reactivate unit ventilator
36	no	no	no	no	18	0	1665	0	73	53	0	-	reactivate unit ventilator
23	no	no	no	yes	25	0	1787	0	73	59	0	1775	inspect unit ventilator for fan speed and damper position
34	no	no	no	yes	20	0	1789	0	71	56	0	1777	inspect unit ventilator for fan speed and damper position
31	no	no	no	yes	22	0	1820	0	71	51	0	1810	inspect unit ventilator for fan speed and damper position
21	no	no	no	yes	21	0	2005	0	74	57	0	2000	inspect unit ventilator for fan speed and damper position
20	no	no	no	yes	22	0	2411	0	72	57	0	2410	inspect unit ventilator for fan speed and damper position
Average					17	1	1282	0	73	51	0	1121	-

School Name **McGinn Elementary**  
 Inspection Type **Mold/Air Quality Inspection**  
 Date of inspection **5/28/2025**  
 Inspected Reviewed and Finalized **Mr. Richard A. Lynch, MBA, CIH, CIEC**  
 by: **Dr. Richard M. Lynch, Ph.D., CIH, CMC, CMRS, CHFM**



Location	General Observations						Average Room Measurements				Supply Measurements		
	visible mold	Musty Odors?	Visible Water Damage?	HVAC running	Actual students	Windows Open?	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	°f	Relative Humidity %	VOC	CO2 @ Supply	notes
outside	-	-	-	-	-	-	437	0	58	57	0	-	
133				yes	1	1	595	0	72	44	0	483	
108	no	no	no	yes	22	0	698	0	73	44	0	roof	
134	no	no	no	no	0	0	704	0	71	48	0	631	
107	no	no	no	yes	23	0	743	0	73	44	0	roof	
118	no	no	no	yes	1	0	789	0	72	44	0	691	
151	no	no	no	yes	18	0	798	0	71	47	0	roof	
103	no	no	no	yes	17	0	836	0	72	48	0	757	
152	no	no	no	yes	25	0	852	0	71	48	0	roof	
132	no	no	no	yes	0	0	874	0	73	48	0	755	
117	no	no	no	yes	23	0	888	0	73	45	0	694	
124	no	no	no	yes	0	0	932	0	72	48	0	762	
130	no	no	no	no	22	0	935	0	73	49	0	842	
128	no	no	no	no	14	0	954	0	73	49	0	-	reactivate unit ventilator
105	no	no	no	no	22	0	1053	0	74	48	0	-	reactivate unit ventilator
137	no	no	no	no	25	0	1056	0	72	51	0	965	
120	no	no	no	yes	23	0	1068	0	73	49	0	864	
121	no	no	no	yes	24	0	1147	0	73	50	0	994	
122	no	no	no	yes	24	0	1167	0	73	51	0	1029	
				Average	16	0	894	0	72	48	0	789	

School Name **Malcolm E. Nettingham Middle School**  
 Inspection Type **Mold/Air Quality Inspection**  
 Date of inspection **5/27/2025**

Inspected Reviewed and Finalized **Mr. Richard A. Lynch, MBA, CIH, CIEC**

by: **Dr. Richard M. Lynch, Ph.D., CIH, CMC, CMRS, CHFM**



	General Observations						Average Room Measurements				Supply Measurements		
Location	visible mold	Musty Odors?	Visible Water Damage?	HVAC running	Actual students	Windows Open?	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	°F	Relative Humidity %	VOC	CO2 @ Supply	notes
outside	-	-	-	-	-	-	435	0	75	30	0	-	
119e	no	no	no	yes	0	1	616	0	73	44	0	roof	
202	no	no	no	yes	10	0	654	0	71	48	0	629	
118	no	no	no	yes	7	0	685	0	77	35	0	roof	
216	no	no	no	yes	0	0	705	0	73	49	0	587	
213	no	no	no	yes	9	0	725	0	73	45	0	595	
311	no	no	no	yes	0	0	752	0	73	42	0	655	
119d	no	no	no	yes	25	0	754	0	74	42	0	roof	
303	no	no	no	yes	0	0	778	0	74	45	0	574	
110	no	no	no	yes	2	0	784	0	72	52	0	623	
207	no	no	no	yes	18	0	789	0	73	47	0	567	
211	no	no	no	yes	1	0	789	0	73	46	0	574	
103	no	no	no	yes	9	0	795	0	71	50	0	576	
319	no	no	no	yes	0	0	798	0	74	45	0	644	
119b	no	no	no	yes	23	0	842	0	75	41	0	roof	
201	no	no	no	yes	14	0	845	0	71	49	0	715	
205	no	no	no	yes	20	0	854	0	73	49	0	794	
206	no	no	no	yes	20	0	875	0	73	49	0	650	
208	no	no	no	yes	20	0	923	0	72	45	0	715	
214	no	no	no	yes	0	0	963	0	73	49	0	824	
113	no	no	no	yes	1	0	964	0	72	45	0	711	
313	no	no	no	yes	20	0	995	0	74	46	0	660	
318	no	no	no	no	17	0	1050	0	73	48	0	-	reactivate unit ventilator
104	no	no	no	yes	17	0	1053	0	72	51	0	879	
308	no	no	no	yes	1	0	1056		73	47	0	898	

School Name **Malcolm E. Nettingham Middle School**  
 Inspection Type **Mold/Air Quality Inspection**  
 Date of inspection **5/27/2025**

Inspected Reviewed and Finalized **Mr. Richard A. Lynch, MBA, CIH, CIEC**

by: **Dr. Richard M. Lynch, Ph.D., CIH, CMC, CMRS, CHFM**



Location	General Observations						Average Room Measurements				Supply Measurements		
	visible mold	Musty Odors?	Visible Water Damage?	HVAC running	Actual students	Windows Open?	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	°F	Relative Humidity %	VOC	CO2 @ Supply	notes
outside	-	-	-	-	-	-	435	0	75	30	0	-	
306	no	no	no	yes	22	0	1085	0	73	45	0	753	
117	no	no	no	yes	21	0	1096	0	74	47	0	832	
220	no	no	no	no	1	0	1357	0	73	51	0	-	reactivate unit ventilator
116	no	no	no	no	20	0	1368	0	75	53	0	-	reactivate unit ventilator
210	no	no	no	no	13	0	1452	0	73	53	0	-	reactivate unit ventilator
108	no	no	no	no	15	0	1589	0	73	53	0	-	reactivate unit ventilator
107	no	no	no	no	21	0	1689	0	72	43	0	-	reactivate unit ventilator
Average					12	0	969	0	73	47	0	688	

School Name **School One Elementary**

Inspection Type **Mold/Air Quality Inspection**

Date of inspection **5/28/2025**

Inspected Reviewed and Finalized **Mr. Richard A. Lynch, MBA, CIH, CIEC**

by: **Dr. Richard M. Lynch, Ph.D., CIH, CMC, CMRS, CHI**



Location	General Observations						Average Room Measurements				Supply Measurements		
	visible mold	Musty Odors?	Visible Water Damage?	HVAC running	Actual students	Windows Open?	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	°F	Relative Humidity %	VOC	CO2 @ Supply	notes
outside	-	-	-	-	-	-	437	0	58	57	0	-	
201	no	no	no	yes	0	0	510	0	72	41	0	roof	
211	no	no	no	yes	0	0	512	0	71	40	0	roof	
207	no	no	no	yes	0	0	531	0	72	41	0	roof	
209	no	no	no	yes	16	0	545	0	72	42	0	roof	
208	no	no	no	yes	0	0	553	0	72	42	0	roof	
206	no	no	no	yes	0	0	620	0	71	44		roof	
213	no	no	no	yes	0	0	623	0	72	40	0	roof	
112	no	no	no	yes	0	0	631	0	71	44	0	roof	
111	no	no	no	yes	0	0	661	0	71	44	0	roof	
204	no	no	no	yes	1	0	668	0	71	43	0	roof	
109	no	no	no	yes	1	0	685	0	71	44	0	roof	
105	no	no	no	yes	1	0	689	0	71	44	0	roof	
101	no	no	no	yes	1	0	705	0	73	43	0	roof	
130T	no	no	no	no	0	0	705	0	72	47	0	533	
108	no	no	no	yes	1	0	725	0	71	45	0	roof	
205	no	no	no	yes	22	0	756	0	71	45	0	roof	
103	no	no	no	yes	1	0	857	0	72	44	0	roof	
				Average	3	0	654	0	72	43	0	533	

School Name **Brunner Elementary**  
 Inspection Type **Mold/Air Quality Inspection**  
 Date of inspection **5/28/2025**

Inspected Reviewed and Finalized **Mr. Richard A. Lynch, MBA, CIH, CIEC**  
 by: **Dr. Richard M. Lynch, Ph.D., CIH, CMC, CMRS, CHFM**



General Observations							Average Room Measurements				Supply Measurements		
Location	visible mold	Musty Odors?	Visible Water Damage?	HVAC running	Actual students	Windows Open?	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	°F	Relative Humidity %	VOC	CO2 @ Supply	notes
outside	-	-	-	-	-	-	425	0	68	49	0		
114	no	no	no	yes	11	1	745	0	70	48	0	735	
128	no	no	no	yes	0	0	861	0	70	47	0	roof	
127	no	no	no	yes	1	0	874	0	71	49	0	roof	
124	no	no	no	yes	11	0	944	0	71	50	0	roof	
125					14	0	992	0	71	50	0	roof	
207	no	no	no	yes	1	0	1036	0	71	48	0	846	
208				yes	22	0	1069	0	71	47	0	1013	
204	no	no	no	yes	0	0	1080	0	71	48		962	
111	no	no	no	yes	21	0	1144	0	71	50	0	946	
113	no	no	no	yes	24	0	1356	0	71	51	0	1189	
206	no	no	no	yes	22	0	1369	0	71	49	0	926	
119				yes	22	0	1385	0	70	55	0	1344	
201	no	no	no	yes	22	0	1458	0	71	49	0	987	inspect unit ventilator for fan speed and damper position
112	no	no	no	yes	22	0	1478	0	71	53	0	1410	inspect unit ventilator for fan speed and damper position
203				yes	24	0	1479	0	72	52	0	953	inspect unit ventilator for fan speed and damper position
118	no	no	no	yes	20	0	1887	0	70	57	0	1612	inspect unit ventilator for fan speed and damper position
210	no	no	no	yes	20	0	2350	0	70	45	0	2323	inspect unit ventilator for fan speed and damper position
Average					15	0	1298	0	71	50	0	1209	