

Effective and Economical Environmental Solutions

Limited Indoor Air Quality (IAQ) Investigation Jefferson Township Public Schools 31 Route 181 Lake Hopatcong, NJ 07849

Karl Environmental Group Project #: 20-0818

September 10, 2020

Prepared for: Mr. Nicholas Serignese Assistant Supervisor of Facilities Jefferson Township Public Schools 31 Route 181 Lake Hopatcong, NJ 07849

> Prepared by: Karl Environmental Group 20 Lauck Road Mohnton, PA 19540 Tel: (800) 527-5581 Fax: (610) 856-5040



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September 10, 2020

Mr. Nicholas Serignese Assistant Supervisor of Facilities Jefferson Township Public Schools 31 Route 181 Lake Hopatcong, NJ 07849

Re: Limited Indoor Air Quality (IAQ) Investigation Jefferson Township Public Schools 31 Route 181, Lake Hopatcong, NJ 07849 Karl Environmental Group Proposal #: 20-0818

Dear Mr. Serignese:

Thank you for selecting Karl Environmental Group for this project. This report details the methods and findings of the limited indoor air quality (IAQ) investigation performed for the Jefferson Township Public School District on August 31, September 1, and September 10, 2020.

1.0 PROJECT BACKGROUND

An indoor air quality investigation was requested for each of the schools in the district. Readings and measurements were collected from the following facilities:

- Cozy Lake Elementary School
- Arthur Stanlick Elementary School
- White Rock Elementary School
- Milton Elementary School
- Ellen T. Briggs Elementary School
- Jefferson Board Office
- Jefferson Middle School
- Jefferson High School

The purpose of the IAQ investigation was comply with Title 12. Department of Labor, Chapter 100. Safety and Health Standards for Public Employees Subchapter 13. Indoor Air Quality Standard. Compliance with the IAQ standard requires that employers evaluate ventilation with two (2) indicator parameters, temperature and carbon dioxide.



2.0 AMBIENT AIR MEASUREMENTS

Ambient environmental measurements were collected from the Property to determine current conditions in relation to guidelines established by the American Society of Heating, Refrigerating, and Air-Conditioning Engineers, Inc. (ASHRAE). The data was collected using a TSI IAQ-7500 Carbon Dioxide/Relative Humidity/Temperature handheld IAQ monitor.

The IAQ monitor simultaneously measures carbon dioxide (CO₂), temperature, and relative humidity using non-dispersive infrared technology to ensure reliability. The ambient environmental measurements recorded by Karl Environmental included: carbon dioxide in parts per million (ppm) in air, relative humidity in percent (%), and ambient temperature in degrees Fahrenheit (°F). Indoor measurements were collected, analyzed, and compared to applicable ASHRAE guidelines. These index parameters are commonly associated with indoor air quality, ventilation system effectiveness, and occupant comfort.

3.0 CARBON DIOXIDE

Carbon dioxide monitoring is a useful screening technique (non-quantitative) for determining if outside air supply is sufficient for maintaining acceptable indoor air quality. Carbon dioxide is a naturally occurring constituent of the atmosphere and is also a product of human respiration.

During periods of occupancy, carbon dioxide levels in a building will typically rise above normal background levels. The level of increase of carbon dioxide concentrations is generally related to the number of individuals in an area and the amount of outside air being introduced into that area. Procedures for determining recommended outside air supply rates for occupied buildings are prescribed in the ASHRAE Standard 62.1-2007, *Ventilation for Acceptable Indoor Air Quality* and the New Jersey Public Employees Occupational Safety and Health (PEOSH) Program. According to ASHRAE, high indoor carbon dioxide concentration may be an indicator of inadequate ventilation which may result in insufficient dilution of bioeffluents (body odor).

Carbon dioxide (CO₂) is a gas that is exhaled by building occupants. Because the gas is generated in an occupied building as a byproduct of normal human respiration, it is a convenient gas to measure as an indicator of the amount 5 of outside air exchange. If CO₂ concentration exceeds 1,000 parts per million (ppm) the employer is required to ensure that the system is operating as designed. The standard does not require employers to modify or upgrade existing systems to achieve this range. In many older buildings, ventilation is achieved through a non-mechanical ventilation system such as operable windows or ventilation shafts. If operable windows are present, the employer is obligated to ensure that windows are maintained in an operable condition and vent shafts are not blocked. Employees should be informed that the building was designed for employees to utilize windows to provide fresh outside air as necessary. However, using untempered outside air from windows to achieve adequate ventilation may result in temperature complaints.



4.0 TEMPERATURE

ASHRAE recommends an indoor temperature range of between 68 and 79°F, corresponding to a relative humidity range of between 30 and 60%, for optimum comfort. If the indoor environment is outside of the range of 68°F to 79°F degrees Fahrenheit, the employer is required to ensure that the ventilation system is operating as designed. The standard does not require employers to modify or upgrade existing systems to achieve this range; however, if the employer finds that the ventilation system is operating as designed and the temperature is still out of the required range, PEOSH recommends that the employer consider utilizing alternative methods to achieve a comfortable temperature range, such as using fans, shades, or reflective film on windows.

5.0 RELATIVE HUMIDITY

ASHRAE recommended guidelines of 30 to 60% for optimum occupant comfort, health, and maintenance of the indoor environment. Relative humidity levels below the 30% guideline level are associated with the increased potential of static electricity, skin irritation, and dry eye syndrome.

Furthermore, low levels may lead to the drying out of a person's mucous membranes, thus impairing their ability to defend against upper respiratory illness. Relative humidity levels exceeding the 60% guideline level are associated with the increased potential for microbial growth.

6.0 OTHER INSPECTION PARAMETERS

Stained Ceiling Tiles – When ceiling tiles become wet it creates a suitable environment for potential mold growth. While hard, nonporous surfaces may be cleaned with a disinfectant/detergent, it is very difficult to remove suspect mold growth from porous materials such as ceiling tiles. According to The New Jersey Public Employees Occupational Safety and Health (PEOSH) Program, contaminated materials that cannot be cleaned should be removed from the building in a sealed impermeable plastic bag. Painting over stains is not acceptable as even nonviable mold spores are still considered as an allergen.

HVAC and Windows – Included in the inspection, in compliance with ANSI/ASHRAE addendum to ANSI/ASHRAE Standard 62.1-2016, all window AC units, univents, and mini-split units used for maintaining temperature and air exchange were determined to either be operational or inoperable. The windows were checked to see if they were able to be opened, where applicable.



7.0 AMBIENT ENVIRONMENTAL FINDINGS

Cozy Lake Elementary School

Carbon dioxide (CO₂) concentrations were found to range between 437 ppm and 555 ppm. All the areas surveyed were below the 1000 ppm ASHRAE and PEOSH guideline level. This level indicates that the air exchange is presently adequate in all the areas surveyed. The outdoor CO_2 measurement was found to be 486 ppm.

The relative humidity (% RH) measurements were found to range between 40.6% and 55.1%. The ASHRAE recommended guideline range is 30 - 60 % for optimum occupant comfort indoor environment. The outdoor humidity was found to be 51.3%. Relative humidity levels exceeding the 60% guideline level are associated with the increased potential for microbial growth.

ASHRAE/PEOSH recommends an indoor temperature range of 68 - 80 °F corresponding to a relative humidity range of 30 - 60%, for optimum comfort. Temperature measurements were found to range between 66.5 and 73.8 °F. The outdoor temperature measurement was 70 °F.

Seventeen (17) classrooms were observed to have stained ceiling tiles. Please see the attached IAQ log for specific room ID for stained ceiling tiles. All HVAC/Mini split/window air conditioning units were found to be operable. All classrooms that were tested had windows that were able to be opened, the exception was hallways, rooms containing no exterior wall, and bathrooms.



Arthur Stanlick Elementary School

Carbon dioxide (CO_2) concentrations were found to range between 398 ppm and 521 ppm. All areas surveyed were below the 1000 ppm ASHRAE/PEOSH guideline level. This level indicates that the air exchange is presently adequate in the areas surveyed. The outdoor CO_2 measurement was found to be 384 ppm.

The relative humidity (% RH) measurements were found to range 46.2% and 53.5%. All of the readings were within the ASHRAE recommended guideline range of 30 - 60 % for optimum occupant comfort indoor environment. The outdoor humidity was found to be 41.6%. Relative humidity levels exceeding the 60% guideline level are associated with the increased potential for microbial growth.

ASHRAE/PEOSH recommends an indoor temperature range of 68 - 80 °F corresponding to a relative humidity range of 30 - 60%, for optimum comfort. Temperature measurements were found to range between 70.8 and 74.2°F, all areas were within the ASHRAE/PEOSH guidelines. The outdoor temperature measurement was 73.0°F.

Eleven (11) classrooms were observed to have stained ceiling tiles. Please see the attached IAQ log for specific room ID for stained ceiling tiles. All HVAC/Mini split/window air conditioning units were found to/reported to be operable. All classrooms that were tested had windows that were able to be opened, the exception was hallways, rooms containing no exterior wall, and bathrooms.



White Rock Elementary School

Carbon dioxide (CO_2) concentrations were found to range between 403 ppm and 694 ppm. All areas surveyed were below the 1000 ppm ASHRAE/PEOSH guideline level. This level indicates that the air exchange is presently adequate in the areas surveyed. The outdoor CO_2 measurement was found to be 423 ppm.

The relative humidity (% RH) measurements were found to range between 40.5% and 56.2%. All of the readings were within the ASHRAE recommended guideline range of 30 - 60% for optimum occupant comfort indoor environment. The outdoor humidity was found to be 52.1%. Relative humidity levels exceeding the 60% guideline level are associated with the increased potential for microbial growth.

ASHRAE/PEOSH recommends an indoor temperature range of 68 - 80 °F corresponding to a relative humidity range of 30 - 60%, for optimum comfort. Temperature measurements were found to range between 66.8 and 75.0 °F, most areas were within the ASHRAE/PEOSH guidelines. The outdoor temperature measurement was 73.0°F.

Twelve (12) classrooms were observed to have stained ceiling tiles. Please see the attached IAQ log for specific room ID for stained ceiling tiles. Room A-7 had a ceiling tile with suspect mold growth. It was recommended to be replaced, minimizing disturbance. All HVAC/Mini split/window air conditioning units were found to/reported to be operable. Units in C-11 and B-5 worked but were reported to be in need of repair as the allen screw was stripped for the turn on key. All classrooms that were tested had windows that were able to be opened, the exception was hallways, rooms containing no exterior wall, and bathrooms.



Milton Elementary School

Carbon dioxide (CO_2) concentrations were found to range between 412 ppm and 479 ppm. All areas surveyed were below the 1000 ppm ASHRAE/PEOSH guideline level. This level indicates that the air exchange is presently adequate in the areas surveyed. The outdoor CO_2 measurement was found to be 396 ppm.

The relative humidity (% RH) measurements were found to range between 48.8% and 55.6%. All of the readings were within the ASHRAE recommended guideline range of 30 - 60 % for optimum occupant comfort indoor environment. The outdoor humidity was found to be 46.0%. Relative humidity levels exceeding the 60% guideline level are associated with the increased potential for microbial growth.

ASHRAE/PEOSH recommends an indoor temperature range of 68 - 80 °F corresponding to a relative humidity range of 30 - 60%, for optimum comfort. Temperature measurements were found to range between 71.6 and 73.5°F, all areas were within the ASHRAE/PEOSH guidelines. The outdoor temperature measurement was 70.8°F.

Eight (8) classrooms were observed to have stained ceiling tiles. Please see the attached IAQ log for specific room ID for stained ceiling tiles. Some HVAC/Mini split/window air conditioning units were found to be inoperable. The following units are in need of repair: Room 5, and the large Hallway unit by Room 9. All classrooms that were tested had windows that were able to be opened, the exception was hallways, rooms containing no exterior wall, and bathrooms.



Ellen T. Briggs Elementary School

Carbon dioxide (CO_2) concentrations were found to range between 598 ppm and 745 ppm. All areas surveyed were below the 1000 ppm ASHRAE/PEOSH guideline level. This level indicates that the air exchange is presently adequate in the areas surveyed. The outdoor CO_2 measurement was found to be 441 ppm.

The relative humidity (% RH) measurements were found to range between 57.0% and 88.0%. Most of the relative humidity readings were above the ASHRAE recommended guideline range of 30 - 60 % for optimum occupant comfort indoor environment. Relative humidity levels exceeding the 60% guideline level are associated with the increased potential for microbial growth. The outdoor humidity was found to be 94%. It was noted to be raining on the day of testing, this influences indoor humidity readings where windows were opened.

ASHRAE/PEOSH recommends an indoor temperature range of 68 - 80 °F corresponding to a relative humidity range of 30 - 60%, for optimum comfort. Temperature measurements were found to range between 72.3 and 75.5°F, all areas were within the ASHRAE/PEOSH guidelines. The outdoor temperature measurement was 74.0°F.

One (1) classroom was observed to have stained ceiling tiles. Please see the attached IAQ log for specific room ID for stained ceiling tiles. All HVAC univents were reported to be working, however, most areas were reported to not be supplied with air conditioning. All classrooms that were tested had windows that were able to be opened, the exception was hallways, rooms containing no exterior wall, and bathrooms.



Jefferson Board Office

Carbon dioxide (CO_2) concentrations were found to range between 504 ppm and 689 ppm. All areas surveyed were below the 1000 ppm ASHRAE/PEOSH guideline level. This level indicates that the air exchange is presently adequate in the areas surveyed. The outdoor CO_2 measurement was found to be 432 ppm.

The relative humidity (% RH) measurements were found to range between 49.4% and 56.8%. All of the readings were within the ASHRAE recommended guideline range of 30 - 60 % for optimum occupant comfort indoor environment. The outdoor humidity was found to be 81%. Relative humidity levels exceeding the 60% guideline level are associated with the increased potential for microbial growth. It was noted to be raining on the day of testing, this influences indoor humidity readings where windows were opened.

ASHRAE/PEOSH recommends an indoor temperature range of 68 - 80 °F corresponding to a relative humidity range of 30 - 60%, for optimum comfort. Temperature measurements were found to range between 68.5 and 71.8 °F, all areas were within the ASHRAE/PEOSH guidelines. The outdoor temperature measurement was 72°F.

One (1) room was observed to have stained ceiling tiles. Please see the attached IAQ log for specific room ID for stained ceiling tiles. The HVAC units were found to be operational. All rooms that were tested had windows that were able to be opened, the exception was hallways, rooms containing no exterior wall, and bathrooms.



Jefferson Middle School

Carbon dioxide (CO_2) concentrations were found to range between 436 ppm and 688 ppm. All areas surveyed were below the 1000 ppm ASHRAE/PEOSH guideline level. This level indicates that the air exchange is presently adequate in the areas surveyed. The outdoor CO_2 measurement was found to be 422 ppm.

The relative humidity (% RH) measurements were found to range between 49.5% and 67.4%. Most of the readings were within the ASHRAE recommended guideline range of 30 - 60 %, however some were close to or slightly above 60%. The outdoor humidity was found to be 93%. Relative humidity levels exceeding the 60% guideline level are associated with the increased potential for microbial growth. It was noted to be raining on the day of testing, this influences indoor humidity readings where windows were opened. Most classrooms had windows open at the time of testing.

ASHRAE/PEOSH recommends an indoor temperature range of 68 - 80 °F corresponding to a relative humidity range of 30 - 60%, for optimum comfort. Temperature measurements were found to range between 69.7 and 72.9°F, all areas were within the ASHRAE/PEOSH guidelines. The outdoor temperature measurement was 67° F.

Eleven (11) classrooms were observed to have stained ceiling tiles. Please see the attached IAQ log for specific room ID for stained ceiling tiles. Ceiling tiles in the CST room, A-3, the Hall by A-3, and the Hall in G-wing had suspect mold growth on the ceiling tiles. It was recommended to be replaced, minimizing disturbance. Some HVAC/Mini split/window air conditioning units were found to be inoperable. There following units are in need of repair: A-6, C-11, B-25, B-4 and the one the left side of the Library. All classrooms that were tested had windows that were able to be opened, the exception was hallways, rooms containing no exterior wall, and bathrooms.



Jefferson High School

Carbon dioxide (CO2) concentrations were found to range between 431 ppm and 624 ppm. All areas surveyed were below the 1000 ppm ASHRAE/PEOSH guideline level. This level indicates that the air exchange is presently adequate in the areas surveyed. The outdoor CO2 measurement was found to be 401 ppm.

The relative humidity (% RH) measurements were found to range between 45.4% and 63.7%. Most of the readings were within the ASHRAE recommended guideline range of 30 - 60 %, however some were close to or slightly above 60%. The outdoor humidity was found to be 87%. Relative humidity levels exceeding the 60% guideline level are associated with the increased potential for microbial growth. It was noted to be raining on the day of testing, this influences indoor humidity readings where windows were opened. Most classrooms had windows open at the time of testing.

ASHRAE/PEOSH recommends an indoor temperature range of 68 - 80 °F corresponding to a relative humidity range of 30 - 60%, for optimum comfort. Temperature measurements were found to range between 71.0 and 78.1 °F, all areas were within the ASHRAE/PEOSH guidelines. The outdoor temperature measurement was 69° F.

Eighteen (18) classrooms were observed to have stained ceiling tiles. Please see the attached IAQ log for specific room ID for stained ceiling tiles. Some HVAC/Mini split/window air conditioning units were found to be inoperable. There following units are in need of repair: C-7, C-8, C-9, C-10, D-1, D-8, M-1, and G-200. All classrooms that were tested had windows that were able to be opened, the exception was hallways, rooms containing no exterior wall, and bathrooms.



8.0 CONCLUSIONS & RECOMMENDATIONS

Periodically inspect the air conditioners and HVAC systems, including the interior components, for evidence of visible microbial growth, debris and the need for cleaning/disinfection. Periodic High Efficiency Particulate Aerosol (HEPA) cleaning of this equipment is advised. Additionally, periodically clean supply air diffusers and return air registers of moisture infiltration and debris. Routine effective cleaning is important to control fungal and bacterial growth, and to sustain indoor air quality. Any units that were not operable at the time of the inspeciton should be repaired or replaced.

Air handling unit (AHU) filter replacement/cleaning schedule will reduce conditions conducive to microbial growth. It is generally recommended that the filters should at a minimum, meet the American Society for Testing Materials (ASTM) test criteria for 35% efficiency against 3 micron particle size, using the ASHRAE standard 52.1-atmospheric dust spot method, or meet the ASHRAE standard 52.2, for a Maximum Efficiency Rate (MER) rating of "8" or "9".

Utilize de-humidification equipment to maintain relative humidity levels below 60%. Sustained humidity more than 60% should be avoided in all occupancies, particularly in areas where significant carpet or textiles are present. Stained ceiling tiles are recommended to be removed, if wet for more then 24 hours, so that there is no environment to promote mold growth. Painitng is not an accepable repair under the PEOSH program.



9.0 LIMITATIONS

The main purpose of the investigation outlined within this report was to identify and report signs of potential mold growth along with conditions that are conducive to mold growth as evident to the hygienist on the day of the investigation. The investigation was a non-intrusive, visual examination and included only visible and readily accessible components and systems. This investigation was not an inspection of mechanical systems and did not attempt to identify physical defects in any component or system.

The hygienist did not dismantle and/or move equipment, systems, furniture, appliances, floor coverings, finished or fastened surfaces or components, personal property or other items to conduct this investigation or otherwise to expose concealed or inaccessible conditions. The investigation did not include destructive testing of any kind. Sampling was completed in the locations denoted in this text.

The investigation and report are not a guarantee or a warranty that the surfaces and items in the areas of investigation are mold-free, or that concealed conditions conducive to mold do not or will not exist. Problems may exist even though signs of such may not be present during an investigation. Fungi/ Bacteria are fast growing opportunist organisms. They can quickly re-establish themselves in/on structural components that have been completely sanitized and conditioned unless growing conditions favorable to microbials are permanently eliminated post remediation.



10.0 CLOSING

Thank you for using Karl Environmental to assist you with this project. Please do not hesitate to call if you have any questions relating to this report or for any other environmental health and safety concerns.

Respectfully submitted, Karl Environmental Group

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Jacob Edwards Environmental Consultant 610-856-7700 (office) 484-345-9846 (cell) 610-856-5040 (fax) jedwards@karlenv.com

Attachment A: IAQ Log

Date_	8	5	l	
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School Name Cozy Lake

Room	Ceiling Tiles	#	HVAC	Windows	Room	Humidity	CO2 Level	Note
Number	Stained	Tiles	Working	Øgen	Temp			
106	Yes (No		Yes /No	Yes / No	73.1	45.8	515	Yes / No
105	Yes / No		Yes / No	yes / No	73.7	42.1	514	Yes / No
114	Yes / No	2	(Ye) / No	fes / No	73.6	42.6	444	Yes / No
113	/e) / No	4	Yes / No	Yes) / No	72.4	44.1	490	Yes / No
(64	Yes / No	2	reg / No	res / No	67.5	40.6	471	Yes / No
103	Yes / No	2	Yes / No	Yes / No	70.1	453	501	Yes / No
112	Ves / No	1	Yes / No	Yes / No	70.0	46.7	490	Yes / No
111	Yes / No	6	Yes / No	Yes / No	69.4	48.5	487	Yes / No
(02	Nés / No	Lp	(Yes) / No	Nes / No	71.9	47.4	499	Yes / No
101	Neg / No	Ч	Yes / No	Yes / No	73.0	45.7	507	Yes / No
10	Yes / No	4	(res)/ No	Yes / No	70.9	48.1	476	Yes / No
109	Nes / No	1	Yes / No	fes / No	71.9	46.1	482	Yes / No
BOYS BA	Yes / No	1	Yes / No	Yes / No	73.6	45.7	501	Yes / No
108	Yes / No	6	Yes / No	Yes / No	73.8	43.8	493	Yes / No
157	Yes) / No	3	Yes No	Yes / No	73.8	430	477	Yes / No

1. Outside 486ppm, 51.3% 2._____ 3.____ 4.____ _____ 5.____

Page #_____

Date <u>V(3)</u> School Name Cory Lake

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Room	Ceiling Tiles	#	HVAC	Windows	Room	Humidity	CO2 Level	Note
Number	Stained	Tiles	Working	Open	Temp			
And. MPR	1 (No)	3 1	(Yes) /No	Yes) / No	73.8	43.2	494	Yes / No
Muinoff	Yes) / No	۱	Yes / No	Yes / No	71.6	46.3	538	Yes / No
Kitom	Yes / No		Yes / No	Yes / No N/A	72.0	47.3	479	Yes / No
<u>C-2</u>	res / No	1	YES NO	res / No	71.4	47.2	498	Yes / No
C-1	(es / No	1	Yes / No	Yes) / No	71.4	45.1	470	Yes / No
ч	Yes / No		No / No	Yes / No	70.7	46.6	ડવંપ	Yes / No
4(office)	Yes / No	2	Yes / No	Yes / No	70.1	47.1	515	Yes / No
Hall	(fes) / No	11	Yes No	Yes / No N/A	69.8	49.8	467	Yes / No
Gul's Br	Yes / No		YES NO	Tes / No	70.3	50.0	461	Yes / No
(17	Yes / No		(es)/ No	Yes No	66.5	49.5	470	Yes / No
120	Yes / Nb		Yes) / No	YES / NO	68.7	52.7	461	Yes / No
119	Yes / No		Ves / No	Yes / No	66.9	55.1	467	Yes / No
119	Yes / No		Ves / No	/eg /No	66.5	Sur.5	471	Yes / No
115	Yes / Nô		(Tes) / No	Yes / No	67.7	54.1	475	Yes / No
116	Yes / Nô		Yes / No	(Yes) / No	67.7	54.9	459	Yes / No

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Date 8/31

School Name Stanlick

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Room Number	Ceiling Tik Stained	es 🛛	# Tiles	HVAC Working	Windows Open	Room Temp	Humidity	CO2 Level	Note
251	Yes /(No /No	Yes / No	73.5	46.2	425	Yes / No
109	Yes /(No		(es)/ No	res / No	72.8	46.8	413	Yes / No
107	Yes /	10		Yes / No	fes / No	72.1	48.1	441	Yes / No
(05	Yes /	No		Yes / No	Yes / No	71.7	48.8	429	Yes / No
108	Yes /			res / No	No / No	71.9	49.2	414	Yes / No
106	Yes /	(S		es / No	fes / No	71, 9	50,3	५८५	Yes / No
103	(Yes) /	No	-	(Yes) / No	Yes / No	71.3	52.2	425	Yes / No
101	res /	No	١	Yes / No	Tes) / No	71.3	32.3	427	Yes / No
100	Yes /	NO		Yes / No	Yes / No	71.1	49.5	421	Yes / No
104	Yes /	No		(Yes) / No	(es) / No	71.4	51.1	420	Yes / No
325	Yes /	Nd		Yes / No N/A	Yes / No N/A	74	SI, I	444	Yes / No
374	Yes /	No		Yes / No N/A	Yes / No	71.3	47.5	451	Yes / No
7,00	Yes /	No		Yes / No	/No	715	53.7	Soto	Yes / No
301	(es /	No	1	Yes No	(Yes) / No	746	575	479	Yes / No
302	Yes /	No		No No	(res) / No	71.9	50.8	SIZ	Yes / No

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1. Outside 384 pp 73.0 4.6% 2._____ 3._____ 4._____ 5._____

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Page #_____2

School Name ______

Room Number	Ceiling Tiles Stained	# Tiles	HVAC Working	Windows Open	Room Temp	Humidity	CO2 Level	Note
Library	Yes / No		(Yes)/No	Yes / No	715	48.0	425	Yes / No
323	res / No)	Yes / No	NA	71.7	50.0	496	Yes / No
322	Yes / No		Yes / No	Yes /No ルーム	71.6	50.0	440	Yes / No
721	Yes / No		Yes / No	Tes / No	70.8	465	430	Yes / No
304	Yes / No	Ц	Yes / No	Yes / No	71.3	48,9	421	Yes / No
320	Yes / NO	_	(res) / No	Yes / No	71,2	49.5	453	Yes / No
306	Yes / No		Yes / No	res) / No	71.1	48.2	521	Yes / No
307	Yes / (No)		Yes / No	Mes / No	71.2	47,0	438	Yes / No
317/316	Yes / No	1	Yes)/ No	Yes / No MA	72.0	48.2	429	Yes / No
208	Yes / No		Yes / No	Yes / No	71.4	48.6	378	Yes / No
309	Yes / No		Yes / No	Yes / No	71.5	48.7	404	Yes / No
315	Yes / No		es / No	Yes / No	71.7	47.8	421	Yes / No
314	Yes / No		Yes / No	Yes / No	720	48.1	439	Yes / No
ን٥	Yes / No		Yes / No	res / No	71.6	47.4	418	Yes / No
311	Yes / No		res / No	Yes / No	71.4	47.4	419	Yes / No

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Page # 0 3

Date______ School Name_______

Room	Ceiling Tiles	#	HVAC	Windows	Room	Humidity	CO2 Level	Note
Number	Stained	Tiles	Working	Øpęn	Temp			
312	Yes No		(Yes /No	Ves / No	71.2	47.7	43z	Yes / No
313	Yes / No		Ves)/No	(Yes) / No	71,3	41.3	423	Yes / No
117	Yes / No		Yes) / No	Yês) / No	71.8	56.1	373	Yes / No
116	Yes / No		Yes / No	Yes / No	71.8	50.8	406	Yes / No
118	Yes / No		Men / No	No / No	72.0	49.2	389	Yes / No
119	Yes / No)		Yes / No	Yes / No	72.1	47.6	378	Yes / No
120	Yes (No		Yes) / No	Yes) / No	721	48.1	400	Yes / No
115	Yes / (No	(Yes / No	Yes / No	720	48.0	381	Yes / No
114	Yes / MT		(Yes) / No	Yes / No	72.0	48.5	387	Yes / No
113	Yes / No		No No	Tes / No	71.9	48.2	382	Yes / No
LSO B	Yes / No	1	Yes No	Yes / No	71.8	47.4	39.3	Yes / No
Gym	Yes / No		No No	Mes / No	71.9	47.9	412	Yes / No
153	Yes / No		Yes / No	Yes / No	713	47.0	385	Yes / No
154	Yes / (No)		Ves No	(es)/No	71.3	46.8	313	Yes / No
ιδς	Yes / (No)		(es // No	Yes / No	71.1	48.4	404	Yes / No

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Page #______ 4

School Name Stinlick

Room	Ceiling Tiles	#	HVAC	Windows	Room	Humidity	CO2 Level	Note
Number	Stained	Tiles	Working	Open	Temp	-		
PZI	Yes / No		Yes /No	Kes) / No	71.8	480	453	Yes / No
MPR	Yes / No		reg / No	Yes / No	71.8	48.6	418	Yes / No
Kit	Yes / No		Yes / No NA	Yes) / No	72.1	atil	476	Yes / No
CSTI	Yes / No		Yes / No	Yes / No	722	47.1	402	Yes / No
C5T2	Yes / No		(es) / No	Yes) / No	72.2	47.3	412	Yes / No
Mathie	(Yes) / No	1	(fes) / No	Yes / No N/A	722	47.1	402	Yes / No
250A	No / No		Yes / No	(e) / No	44.1	480	473	Yes / No
2503	Yes) / No		(Yes)/ No	(res) / No	74.2	48.1	Ý₽2	Yes / No
252	Yes / No	2	Yes // No	Yes) / No	73.1	46.3	43r	Yes / No
	Yes / No	-	Yes / No	Yes / No				Yes / No
	Yes / No		Yes / No	Yes / No				Yes / No
	Yes / No		Yes / No	Yes / No				Yes / No
	Yes / No		Yes / No	Yes / No		 		Yes / No
	Yes / No		Yes / No	Yes / No				Yes / No
	Yes / No		Yes / No	Yes / No				Yes / No
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Date_ 8 (JI

Page #_____

	School Name	White	c	look	
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Room	Ceiling Tiles	#	HVAC	Windows	Room	Humidity	CO2 Level	Note
Number	Stained <	Tiles	Working	Open	Temp			
CST office	Yes / No		Yes No	Yes / No	69.5	54.2.	460	Yes / No
Conf	Yes / No		Yes / No	Yes / No	68.0	43.3	442	Yes / No
Main oft	Yes / No		Neg / No	(es) / No	68.3	44.9	487	Yes / No
Kitchen	Yes / No	2	Yes / No	Yes / No	CSIT	51.2	464	Yes / No
MIR	Yes / No		Yes / No	Yes / No	20,3	50,3	475	Yes / No
Nurse	Yes / No)		(Yes) / No	Yes / No	66.8	47.8	487	Yes / No
Faculty	Yes / No		Yes / No	Yes / No	69.9	53.5	458	Yes / No
AIY	Yes / No		(res) / No	Yes / No	70.4	53.6	460	Yes / No
A12	Yes / (No)		(Yes) / No	Yes / No	70.5	53.8	411	Yes / No
014	Yes / NO		(es) / No	(es) / No	20.3	53.3	449	Yes / No
A 8	Yes / No		YES / No	(eś) / No	70.2	53.8	446	Yes / No
A7	(res) / No	2	Yes / No	Yes / No	69.2	46.2	430	res / No
<u>MS</u>	Yes / No		Yes / No	fes / No	70.0	52.7	444	Yes / No
AL	Yes / No		(Yes) / No	fes / No	70.3	543	4.50	Yes / No
A4	res / No	2	Yes // No	(Yes) / No	70.6	43.9	456	Yes / No

1. Outside 423ppn 52.1% 2. A7 Moldy Calling The 3._____ 4.____ 5._____

Date_	8	13	١	

Page #____2

School Name ____ White Reve

Room	Ceiling Tiles	#	HVAC	Windows	Room	Humidity	CO2 Level	Note
Number	Stained	Tiles	Working	Open	Temp			
A3	(Yes) / No	3	(es) /No	(re) / No	20,8	52.2	559	Yes / No
Library	Yes / Nd		Neg / No	Yes / No	20.4	52.5	459	Yes / No
AI	Yes / Nó		(Yes) / No	Yes / No	71.5	52.4	496	Yes / No
CIE	Ves / No		Yes / No	Yes / No	71.Z	52,0	462	Yes / No
CIT	Yes / No		(res) / No	Ves / No	71.7	52.1	481	Yes / No
CIY	Yes / No		(es) / No	/No	71.6	51,6	475	Yes / No
CIZ	Yes / No		No/No	Yes / No	71.6	55.3	480	Yes / No
Cir	Yes / No		Yes / No	Yes' / No	71.6	52.8	484	Yes / No
CIO	Yes / No		(res) / No	NIA	71.7	562	499	Yes / No
CII	Yes / No		Yes / No	Yes / No	71.7	53.5	503	Yes / No
(9	Yes / Mg		(Yes) / No	(Yes) / No	71.6	5211	467	Yes / No
(8	Yes / Mo		(res) / No	Yes / No N A	71.8	5 5.7	600	Yes / No
(7	Yes / Nó		(es) / No	NO /NO	71.7	52.3	466	Yes / No
(6	Yes / No		Yes / No	Yes /No N/A	71.8	538	499	Yes / No
CY	Yes / No N/A		Yes / No	Yes / No N/A	72.1	54,0	694	Yes / No

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Page #_____3

School Name _ White Rock

	Room	Ceiling Tiles	#	HVAC	Windows	Room	Humidity	CO2 Level	Note
	Number	Stained	Tiles	Working	Open	Temp	-		
145	E S	Yes / No		No /No	les / No	72.5	51.8	478	Yes / No
1 7 /	<u>C</u> 3	Yes / No	ત	Yes / No	Yes / No	ti (L ₁	()	Yes / No
	(2	Yes / (Nd)		(Yes) / No	Yes / No NA	72.0	55.0	501	Yes / No
	Gym	Yes / No		Yes / (Ng)	Yes / No	72.8	53.1	410	Yes / No
	BJ	Yes / No	2	No / No	(es) / No	11.3	42.0	449	Yes / No
AQU	BI	Yes / No	2	Yes No	Tes / No	71.8	41.7	458	Yes / No
· Z	BY	Yes / No	1	Yes / No	Yes / No	11	÷ t	12	Yes, \/ No
	86	Yes / No		(regi / No	Tes / No	75.4	47.9	458	Yes / No
	٥٢	Yes / No		(Yes) / No	Men / No	73.1	47.1	410	Yes / No
	67	Yes / No		Yes / No	Yes) / No	72.6	49.2	457	Yes / No
-	<u> </u>	Yes / No		Yes / No	Yes) / No	729	48,5	444	Yes / No
	BIO	Yes / No		Yes No		73.6	48.2	453	Yes / No
	BIZ	Yes / No		Yes / No	Yes / No	75.0	7.74	454	Yes / No
	B9	Yes / No		Tes / No	Kes / No	13.6	47.4	428	Yes / No
	BIY	res / NO		Tes / No	(Yes) / No	726	47,5	480	Yes / No

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School Name White Rock

Room Number	Ceiling Tiles Stained	# Tiles	HVAC Working	Windows Open	Room Temp	Humidity	CO2 Level	Note
BIE	Yes / No		(Yes) /No	Yes / No	13.5	48.1	432	Yes / No
BU	Yes / Ng		Me / No	Fes / No	72.8	48.4	425	Yes / No
813	Yes / No		Ves / No	Yes / No	20.0	49.9	403	Yes / No
B18	Yes / No		(Yes) / No	Yes / No	רע, צ	50.4	430	Yes / No
Hul	Neg / No	6	Yes / No N/A	Yes / No N/A	12.6	·Y 7, 7	4 28	Yes / No
A9	Yes / No		No / No	res / No	71.3	47.6	431	Yes / No
ALL	Yes / No		Yes) / No	Yes / No NA	71.1	48,3	400	Yes / No
	Yes / No		Yes / No	Yes / No				Yes / No
	Yes / No		Yes / No	Yes / No				Yes / No
	Yes / No		Yes / No	Yes / No				Yes / No
	Yes / No		Yes / No	Yes / No				Yes / No
	Yes / No		Yes / No	Yes / No	+			Yes / No
	Yes / No		Yes / No	Yes / No	+			Yes / No
	Yes / No		Yes / No	Yes / No	++			Yes / No
	Yes / No		Yes / No	Yes / No	┼━╌╾┥			Yes / No

2. Cil a BS, unit work, Lut on key 2. Stripped need to me rappired 3.____ _____ 4.____ 5.____

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Page #____(

School Name Milton

Room	Ceilin	g Tiles	#	HVAC	Windows	Room	Humidity	CO2 Level	Note
Number	Staine	ed	Tiles	Working	Open	Temp	,		HULE
15	es	/ No	2	es /No	Yes / No	72.0	50.8	429	Yes / No
14	Yes	/ (10)		(re) / No	/ No	71.8	52.3	427	Yes / No
13	Yes	/ 10	ļ	(es) / No	Yes / No	71.8	52.7	441	Yes / No
_ 12_	(es)	/ NO	1	Yes / No	/e /No	71.7	52.7	439	Yes / No
11	Yes	/ [No)	 	Ves)/No	(res / No	72.1	12.6	442	Yes / No
(.	les 	/ No	3	Kejs / No	res / No	71.8	52.0	437	Yes / No
Faculty	Yes	/ 00	 	Yes No	Yes /No	72.8	52.5	448	Yes / No
4.11	Yes	/ No	3	(Yes) / (No) *	Yes / No	72.5	SILC	4410	Yes / No
9	Yes			(res) / No	Yes / No	72.8	52.2	444	Yes / No
8	Yes	NO		No / No	fes / No	73.5	53.1	479	Yes / No
7	Yes			Yes / No	(fes) / No	733	52.2	463	Yes / No
6	Yes	NO		(Pes) / No	Yes / No	73,3	50.9	446	Yes / No
SA NUR	Yes			Yes / No	(Yeg) / No	73,4	50.6	449	Yes / No
5	res	/ No)		Yes No	/ No	78,4	50.5	446	Yes / No
4	es/		2	Tes / No	(res / No	725	49.2	422	Yes / No
		B	400-	<u></u>					

1. Dutile: 396ppm, 70,800 46.0% 3.____ _____ 4. 5.____

Date_ 8/31___

Page #____2

Room	Ceiling Tiles	#	HVAC	Windows	Room	Humidity	CO2 Level	Note
Number	Stained	Tiles	Working	Open	Temp			litte
3	Yes No		Yes /No	Yes / No	72.1	51.4	457	Yes / No
2	Yes / No		res / No	Yes / No	72.2	55.6	449	Yes / No
(ST	Yes / No		1 / No	Yes / No NA	716	<i>9</i> 9.6	439	Yes / No
MARINE	Yes / No		Or / No	Yes / No	71.6	52.1	419	Yes / No
Kitchon	(es) / No	1	Yes / No N/A	Yes / No	72.0	49.9	418	Yes / No
Multyurps	Yes / No		(res) / No	Ves / No	721	48.8	412	Yes / No
1	Yes / No	1	(⁷ es) / No	Yes / No	724	50,7	441	Yes / No
Hall 4 1	Yes / No	1	Yes / No	Yes / No N/A	72.6	53.0	44z	Yes / No
	Yes / No		Yes / No	Yes / No				Yes / No
	Yes / No		Yes / No	Yes / No				Yes / No
	Yes / No		Yes / No	Yes / No				Yes / No
	Yes / No		Yes / No	Yes / No				Yes / No
	Yes / No		Yes / No	Yes / No				Yes / No
	Yes / No		Yes / No	Yes / No				Yes / No
	Yes / No		Yes / No	Yes / No				Yes / No

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School Name BOE

	Room	Celling Tiles	#	HVAC	Windows	Room	Humidity	CO2 Level	Note
	Number	Stained	Tiles	Working	Open	Temp			
3	Faultities	Yes / No		Yes /No	(Yes) / No	69.9	47.9	526	Yes / No
2	1+R	Yes (No		Yes / No	(Yes) / No	70.2	51.6	553	Yes / No
3	BA	Yes /(No)		Yes / No	Yes / No	70.5	49.4	673	Yes / No
.2	Paypell	Yes /(No)		(Yes) / No	(es) / No	70.6	50.1	689	Yes / No
$\boldsymbol{\varsigma}$	ACCTS PAYELU	Yes No		es V No	Yes / No	10.4	50.6	639	Yes / No
6	Super Laterda	Yes / (No')	_	Mets / No	/No	71.8	58.2	521	Yes / No
8	55	Yes / No	_	Yes / No	Yes / No	71,3	57.6	533	Yes / No
	9	Yes / No	2	(Yes) / No	Yes / No	70.9	57.1	535	Yes / No
	FACULTY	Yes / No		Yes / No	Yes / No	70.1	51,0	SZS	Yes / No
	ltan	Yes / No	·	Yes!/ No	Yes / No	68.8	56.3	504	Yes / No
4	SUPE	Yes No		(Yes) / No	Yes /No	67.7	54,1	615	Yes / No
1	Cont/offices	Yes / No		(Yeš) / No	(Ves) / No	68.5	56.8	SLI	Yes / No
+		res / No		Yes / No	Yes / No				Yes / No
		Yes / No	<u> </u>	Yes / No	Yes / No				Yes / No
		res / NO		Yes / No	Yes / No				Yes / No

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Page #____

School Name Middle School

Room	Ceiling Tiles	#	HVAC	Windows	Room	Humidity	CO2 Level	Note
Number	Stained	Tiles	Working	Open	Temp			
B-16	Yes No		Ye /No	Yes / No N A	715	C1.1	443	Yes / No
B20	Yes / No		(Ye) / No	Yes / No	71.6	62.7	451	Yes / No
019	Yes / No/		Yes / No	res / No	71.7	63.1	456	Yes / No
BI8	res / No		(Yes) / No	Yes / No	72.0	63.2	463	Yes / No
81731	Yes No'		(Yes) / No	(Yes) / No	72.0	62.8	460	Yes / No
014	Yes No		(es)/ No	Yes / No	72.3	62~)	416	Yes / No
BIZ	Yes / No		(Yes) / No	Yes No	723	58.8	447	Yes / No
B13	Yes No		Yes / No	Yes /No	72.1	62.4	414	Yes / No
BII	Yes / Nd		Yest / No	(reg) / No	71,9	61,4	445	Yes / No
BID	Yes / No		Yes) / No	Yes / No	71.7	61.8	450	Yes / No
Btc 39	Yes / No		(res)/ No	(Yes) / No	71.7	622	447	Yes / No
88			Yes / No	(Yes) / No	71.4	$CZ \cdot I$	454	Yes / No
Library	Vac / Kla	(Yes) / No	Yes) / No	71.4	61.6	448	(Yes / No
B7 '			res // No	(Yes) / No	71.8	61.5	438	Yes / No
B6			Yes / No	Yes /No	720	60.5	436	Yes / No

1. One in Lib Boesnit 2. A6, CII, B25, B4, 3. (Rony 1,202) 4.____ 5.____

Date_9] ____

Page #_____

School Name MS

Room	Ceiling Tiles	#	HVAC	Windows	Room	Humidity	CO2 Level	Note
Number	Stained	Tiles	Working	Open	Temp			
35	Yes / No		Yes /No	Yes / No	72.1	60.8	463	Yes / No
84	Yes /(No')		Yes / No	Yes / No	72.0	58.6	456	Yes / No
87,	Yes / No		Yes // No	Yes) / No	72.1	S7.6	37.6	Yes / No
55	(Yes) / No	2	Ver / No	Yes No	72.2	57.8	478	Yes / No
Seminar	Mes / No		(Yes) / No	Yes No	72.0	55.S	472	Yes / No
BZ	Yes / No	ļ	Yes / No	Yés) / No	721	60.8	467	Yes / No
Bi	Yes No		Yes / No	(Yes) / No	71.9	60.2	470	Yes / No
Nurse	Yes / No		Yes / No	Yes / No	71.8	CZ.6	464	Yes / No
CST	res / No		(Yes) / No	Yes I No	72.3	59,1	449	Yes / No
A6	Yes No		(No)	(es) / No	72.4	58,8	491	Yes / No
<u>CI</u>	Yes / No		Yes No	Yes) / No	72.2	63,3	509	Yes / No
C12	Yes Nd		Yes / No	Vés / No	72.2	62.6	511	Yes / No
CIL	Yes / Nó		Yes / No	Yes / No	721	60.6	479	Yes / No
12	Yes / No		Yes No	Yes / No	72.0	61.8	473	Yes / No
Ciu			Yes) / No	Yes	71.5	62.5	474	Yes / No

1. Mold on Certing Tile 2._____ 3._____ 4._____ 5._____

Date_____

Page #_____

School Name M.S.

Room	Ceiling Tiles	#	HVAC	Windows	Room	Humidity	CO2 Level	Note
Number	Stained	Tiles	Working	Open	Temp			
C.9	Yes No		(es)/No	Yes / No	71.8	61.6	485	Yes / No
6-3	Yes No		(Yes) / No	Yes / No	71.6	61.7	458	Yes / No
68	Yes (No)		Yes / No	Yes / No	71.6	80.5	483	Yes / No
<u>(4</u>	Tes) / No	1	Yes / No	Yes / No	71.5	61.8	480	Yes / No
(7	Yes / No		(Yes) / No	Yes / No	71.5	6z.3	488	Yes / No
Cb	Yes / No	<u></u> -	Yes / No	Yes /No	71.0	6316	478	Yes / No
(5	res / No		Ves / No	fes / No	71.1	64.7	427	Yes / No
C3A	Yes / No	1	Yes / No	Yès / No	71.5	64.3	438	Yes / No
<u>45</u>	Yes / No	\	les / No	(Yes) / No	715	62.0	469	Yes / No
PhysFe	Yes / No		Net / No	Yes / No MA	72.3	60.5	483	Yes / No
Phys Folz	Yes NANO		res / No	Yes / No	72.3	60.Z	478	Yes / No
Lyn	Yes No		Yes / No	Yes / No	72.5	60.3	478	Yes / No
AY	Yes		Yes / No	(Yes) / No	72.4	60.7	469	Yes / No
AL	Yes / No		(es) / No	Yes No	71.9	49.5	Sau	Yes / No
A 3		Z	res / No	Yes / No	71.2	62.1	458	Yes / No

1. Mold on Ceiling Tile 2.____ 3.____ 4.____ 5.____

Date 91 School Name \underline{MS} .

Room	Ceiting Tiles	#	HVAC	Windows	Room	Humidity	CO2 Level	Note
Number	Stained	Tiles	Working	Open	Temp			
Hal)	Yes) / No	1	Yes /No	Yes / No N/A	71.7	61.6	443	Yes / No
Cafe	Yes / No		Yes / No	Yes' / No MA	728	61.5	483	Yes / No
Maino	res No	1	Yes)/ No	Yes / No N/A	72.9	<i>5</i> ዛ . ና	651	Yes / No
FAC.	Yes / No	<u> </u>	(res)/ No	Yes, / No				Yes / No
Off 1	Yes /(No)		Yes / No	Yes 7No				Yes / No
Ofe 2	Yes / No		Yes / No	Yes) / No				Yes / No
0(+ 3	Yes / No		Yes / No	Yes / No				Yes / No
Grund.	Yes / No		Yes / No	Yes / No				Yes / No
Principal	Yes / No		Yes / No	Yes / No		•		Yes / No
Hall by	Yes / No	١	Yes / No	Yes / No				Nes / No
A3 B2-1	Yes / No		Yes / No	Yes / No	70.8	5.8	506	Yes / No
5 29	Yes / No		Ves No	Yes //No	70,5	(3, S)	497	Yes / No
BZZ	Yes / No		Yes / No	Ves / No	69.7	64.1	S03	Yes / No
BZ3	Yes / No		Yes No	res / No	64,8	66.6	495	Yes / No
B30	Yes No	(Yes No	Yes / No	69.9	64.1	SIZ	Yes / No

1. Mold on Cerling Tile 2. B.26 har weeter senser _ 3._____ 4._____ 5._____

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School Name <u>M S</u>

Room Number	Ceiling Tiles Stained	# Tiles	HVAC Working	Windows	Room	Humidity	CO2 Level	Note
BZY	Yes No		(e) /No	Yes / No	69.8	67.4	467	Yes / No
B25	Yes / No		Yes / No	res / No	69.9	66.4	493	Yes / No
326	Ves NA	(Yes / No	Yes / No	70.3	65.8	504	Yes / No
BU7	Yes NA NO		Yes' / No	Yes /No	70.4	64.6	500	Yes / No
BLY			Yes / No	Yes V No	70.0	61.2.	SIS	Yes / No
GZIYA	res / No		Yes / No	es / No	70,6	\$7,5	536	Yes / No
6215	Yes / No		Mes / No	Yes / No	71.1	64,0	543	Yes / No
6213	Yes (Nd)		Yes No (Yes / No	71.7	64.7	544	Yes / No
6212	Yes (No')		Yes No	Yes / No	71.5	67.7	524	Yes / No
ALD_	Yes / No		Yes / No	Yes / No				Yes / No
(7108	Yes / No		Yes / No	Yes / No				Yes / No
	Yes / No		Yes / No	Yes / No				Yes / No
	Yes / No	—— <u> </u> -	Yes / No	Yes / No				Yes / No
	Yes / No		Yes / No	Yes / No				Ves / No
	Yes / No		res / No	Yes / No				
			<u>l</u>					tes / No

1. Gros, Grio Locked Teacher in 2. Reem, NO delless _____ 3._____ 4. ____ _____ 5.____

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School Name US

Room Number	Ceiling Tiles Stained	# Tiles	HVAC Working	Windows Open	Room	Humidity	CO2 Level	Note
Gym	Yes No		Yes /No	Yes / No N/A	74.2	63. J	484	Yes / No
68	Yes No		Yes / No	Yes / No	74,3	60.7	418	Yes / No
610	Ves / No	1	(es) No	Yes /No NA	74.5	60.7	SIZ	Yes / No
EIZ	Yes No		Yes'Y No	Yes // No	74.4	60.0	494	Yes / No
E13	Yes / No		Yes / No	Yes / No	74.8	61,5	499	Yes / No
519	Yes / NA		es / No	Ves / No	74.4	GU.6	428	Yes / No
DI	Voc (1)		Ves / No	Yes / No	73.1	5611	513	Yes / No
DIE	Tes / NO		Ves / No	Yes / No	73.8	GLI	573	Yes / No
D2	Yes No	(res / No	No / No	73.6	60.2	507	Yes / No
517	Vac (CI)	(res) / No	Yes / No	73.7	61.3	4.87	Yes / No
03	Yes / No)		les No	Yes / No	73.8	50.8	483	Yes / No
<u> </u>	Yes Not		es / No	Ves) / No	736	62.8	480	Yes / No
D M	Yes (No)			Yes / No	73.1	62.0	487	Yes / No
VIS NC	Yes / No	Ye	No	Yes / No	73.3	2.1	474	Yes / No
1251		$\underline{\Gamma}$	J		73. 3	62.1	470	Yes / No



Date 911 School Name 175.

Room	Ceiling Tiles	#	HVAC	Windows	Room	Humidity	CO2 Level	Note
Number	Stained	Tiles	Working	Open	Temp			
D 14	Yes / No		Yes /No	(Tes) / No	72.6	62.4	431	Yes / No
\$6	Yes / No		(Yes) / No	(Pers / No	72.7	62.9	444	Yes / No
D13	Yes No		Yes / No	Yes) / No	72.6	624	436	Yes / No
to the	Yes / No		Yes / No	Yes / No	+			Yes / No
D7	Yes No		Yes / No	Year / No	73.D	63.3	496	Yes / No
DIZ	Yes / No		Yes / No	Yes / No	73.1	63.1	487	Yes / No
DID	(es) (No)	2	Yes No	Yes / No	72.0	6.7.8	460	Yes / No
Dg	Yes / No		Yes / No	Yes / No				Yes / No
D8		10		Yes / No	13,3	63,0	462	Yes / No
Ca	Yes /(No)		Yes / No	(Yes) / No	73.1	625	440	Yes / No
68	Yes / Nø		(Yes) / No	Yes / No	72.0	62.6	444	Yes / No
67	Yes No		Yes / No	(Yes) / No	73.2	67,5	460	Yes / No
<u>(6</u>	Yes No		Yes / No	(Yes) / No	77 6	63.1	437	Yes / No
CID	Yes No		YES / NO	Yer / No	72.8	63.7	447	Yes / No
CII	Yes /(No)		Yes / No	Yes / No	729	627	446	Yes / No

NOT WORKING 1. _____ 2.__ 3. 4._____ 5._____

Page #_____



Room Number	Ceiling Tiles Stained	# Tiles	HVAC Werking	Windows Open	Room Temp	Humidity	CO2 Level	Note
<u> </u>	Yes No		Yes /No	Yes) / No	729	599	446	Yes / No
02	res No		Yes / No	Yes / No	72.3	52,9	454	Yes / No
(4	Ves / No		Yes / No	Ves No	72.7	57,0	453	Yes / No
(13	Yes / No	+	Nes / No	Ves) / No	73.0	60.2	468	Yes / No
C14	Yes /No	1	Ved / No	Yes / No	73.0	750	611	Yes / No
$\underline{(3)}$	Yes (Mo)		Tes / No	Yes / No	73,3	60.0	473	Yes / No
(2			Yes / No	Yes / No	11	L(4	Yes / No
C15	Yes No		Yes / No	Yes / No	73.0	59.6	474	Yes / No
(16	res (No)	(No No	res / No	73,1	59.9	476	Yes / No
$\frac{CI}{CI}$	Yes (No		Yes // No	Yes / No	72.7	61.1	477	Yes / No
(ate	Vec (Ala)	(Yes) V No	Yes Y No	74.1	63.0	421	Yes / No
6	Kes V No	10	Yes No	Yes //No	74.5	60.3	500	Yes / No
1210	Yes (No)	26	Ves / No	res y No	74.9	57.2	621	Yes / No
DIL DIL	Yes //No)	-4		Ved / No	24.7	58.4	574	Yes / No
UD		Ľ	2		74.7	60.7	617	Yes / No



Page #____3

Date___Q School Name HS

Room	Ceiling Tiles	#	HVAC	Windows	Room	Humidity	CO2 Level	Note
Number	Stained	Tiles	Working	Open	Temp			
Bg	Yes / Ng		Yes /No	Yes /No	14.0	60.2	455	Yes / No
88	Yes / Nà		Yes / No	Yes / No	73.1	60.4	459	Yes / No
31	Yes / No		Yes / No	Yes / No				Yes / No
87	Yes / No		Yes / No	Yes / No	73.6	61.0	466	Yes / No
B6	Yes No		Yes No	(Yes) / No	73.5	61.6	449	Yes / No
BL	Yes (No		Yes) Y No	Yes / No	73.4	C1.7	453	Yes / No
B5	Yes No		Yes Y No	(Yes / No	73.0	61.7	447	Yes / No
83	Yes (No		Kes / No	Yes / No	73.2	61.8	441	Yes / No
84	Yes / No	1	(Yes) / No	(Yes) / No	71.7	62.8	440	Yes / No
6166	Yes / No		Yes / No	Yes / No	73.7	60.8	476	Yes / No
6-105			Yes No	Yes / No	74.8	59.2	478	Yes / No
GINY	Yes No		Yes / No	(Yes) / No	74.3	60,S	453	Yes / No
6103	Yes No		Yes / No	Yes MA	74.6	57.5	525	Yes / No
GUZ	Yes / No		(Yes) / No	(Yes) /'No	75.5	62.7	528	Yes / No
6101	TES / NO		Yes / No (Yes / No	75,9	57.7	461	Yes / No

1. C7, 8, 9, 10, D-1, 6200 2._____ 3._____ 4.____ 5._____

Page #_____

Date_Q School Name High School

Room Number	Ceiling Tiles Stained	# Tiles	HVAC Working	Windows Open	Room Temp	Humidity	CO2 Level	Note
My	Yes / No		Yes No	Yes No	76.9	56.5	455	Yes / No
M3	Yes / No		Yes) / No	Yes / No	77.5	56.6	461	Yes / No
MI	Yes / No	(Yes / No	Yes, No	77.7	559	4440	Yes / No
Al Man	Yes No		Yès / No	Yes) / No	74.1	51.8	576	Yes / No
AZ	Yes No		Yes / No	(Yes)/No	75.2	5219	535	Yes / No
UST.	Yes No		Yes / No	Yes / No	73.7	53.3	546	Yes / No
A 5	Yes / No		Yes / No	(res) / No	73.8	54.3	560	Yes / No
A8	Yes / No		Yes / No	Yes, INO	739	54.6	559	Yes / No
AZG	Yes / No	3	Yes'Y No	Yes / No	73.7	54.6	547	Yes / No
A9	Yes / (No)		es / No	Os / No	73.7	57.9	588	Yes / No
All	Yed / No	3	(Yes) / No	Yes No	72.8	91.6	SUG	Yes / No
(sudar	Yes / No		Yes / No	Pas / No	71.2	57.0	624	Yes / No
GILOC	Yes No	K	Yes / No	Yes / No	71.0	SYLY	551	Yes / No
6201	Yes / No	2	Yes / No	(Yes) / No	722	64,9	484	Yes / No
6200	Yes / No	$ \nu $	Yes / No	Yes / No	73.4	57.6	428	Yes / No

1. Leacher Seriel Heart diest weak 2._____ 3. 4.____ 5.____

Page #_____6

Date______ School Name 45 _____

Room Number	Ceiling Tiles Stained	# Tiles	HVAC Working	Windows Open	Room Temp	Humidity	CO2 Level	Note
202	Yes No		Yes /No	(Yes) / No	73.5	59.4	520	Yes / No
3203	Yes / No		Yes / No	Yes	73.8	55.0	501	Yes / No
6205	Yes (No)		Yes / No	Ye /No	74.5	54.7	569	Yes / No
(52050	Yes / No	1	YES NO	Yes / No	74.4	53.9	546	Yes / No
G207	Yes / Nø		(Yes) / No	Yes / No	74.8	54.3	536	Yes / No
<u>G209</u>	Yes / No	2	Yes / No	(Yes) / No	74.9	51.4	524	Yes / No
62.11	Yes / No	1	Yes / No	Yes / No	79.1	45.4	523	Yes / No
	Yes / No		Yes / No	Yes / No			- · 	Yes / No
	Yes / No		Yes / No	Yes / No				Yes / No
	Yes / No		Yes / No	Yes / No	+			Yes / No
	Yes / No		Yes / No	Yes / No				Yes / No
	Yes / No		Yes / No	Yes / No	+			Yes / No
	Yes / No		Yes / No	Yes / No				Yes / No
	Yes / No		Yes / No	Yes / No	<u>+</u>			Yes / No
	Yes / No		Yes / No	Yes / No	+			Yes / No

Page #_____

Date 9-10-20

Page # 1047

School Name Ellen T Bridds

Γ	Room	Ceiling	; Tiles d	# Tiles	HVA	C	Windo	ows	Room Temp	Humidity	CO2 Level	Note	•
	MAIN office	Yes	/ No		Yes	/No	Yes	/ No	74.7	57	661	Yes	/No
	PRINCIPAL	Yes	/ No		Yes	/ No	Yes	/ No	73.9	54	654	Yes	/No
	101	Yes	/ No		Yes	/ No	Ves	/ No	73.4	- 65	628	Yes	1 NO
	102	Yes	/ No		Yes	/ No	Yes	/ No	733	70	630	Yes	/ No
× .	103	Yes	/ 10		Yes	/ No	Yes	/ No	73.5	78	610	Yes	/No
	104	Yes	/ 10		Yes	/ No	Yes	/ No	75.5	74	598	Yes	/ No
	105	Yes	/ NO		Yes	/ No	Yes	/ No	75.0	77	661	Yes	/ No
	106	Yes	/ NO		Yes	/ No	Yes	/ No	74.9	76	629	Yes	/No
	107	Yes	/ <u>N</u> o		Yes	/ No	Yes	/ No	74.8	77	618	Yes	/ No
	108	Yes	/ NO		Yes	/ No	Yes	/ No	74.Z	70.	640	Yes	/No
(PUPE	ALLIUSI	Yes	/ NO		Yes	/ No	Yes	No	73.8	68	436	Yes	/ No
	Kitchen	Yes	/ NO		Yes	/ No	Yes	/No	74.2	75	649	Yes	/ No
	CAFE	Yes	/ No		Yes)/ No	Yes	/ No	74.0	75	745	Yes	(No
	NUSSE of	Yes	/ No		Yes	/ No	Yes	/ No	74-2	70	617	Yes	/No
	LIBSARY	Yes	/ No		Yes	/ No	Yes	/ No	74.3	71	651	Yes	/No

1. Slibtt MUSTY SMELL - NO MOD GIOTH

2._____ 3._____ 4._____ 5._____

Date 9-10-20

School Name Bribbs

Page # <u>2077</u>

Room	Ceiling Tiles	#	HVAC	Windows	Room	Humidity	CO2 Level	Note		
Number	Stained	Tiles	Working	Open	Temp					
109	Yes / No	U	Yes /No	Yes / No	12 the	87	630	Yes / No		
122	Yes / No		Yes / No	Yes / No	72.3	63	615	Yes / No		
123	Yes / No		Yès / No	Yes / No	72.4	72	650	Yes /No		
124	Yes / No		Ves 1 00	Yes / No	72.2	78	674 4	Ves No		
110	Yes / No		Yes / No Yes	Yes / No	73.2	80	625	tes Allo		
121	Yes / No		Yes / No Ves	Yes / No	73.6	84	625	Yes /No #3		
120	Yes / No		Yes / No	Yes / No	73.0	81	6 Z 2	Yes /No		
11	Yes / No		Yes / No	Yes / No	73.7	81	654	Yes (No		
113	Yes / No		Yes / No	Yes / No	73.7	86	663	Yes No		
112	Yes / No		Yes / No	Yes / No	74.1	84	681	Yes /No		
114	Yes / No		Yes / No	Ves / No	74.2	88	650	Yes /No		
115	Yes / No		Yes / No	Yes / No	74.3	85	677	Yes / No		
117	Yes / No		Yes / No	Yes / No	74.2	85	646	Yes /No		
16	Yes / No		Yes / No	Yes / No	74-2	84	651	Yes No		
118	Yes / No		Yes / No	Yes / No	74.3	86	675	Yes /No		
119	NU		yes	yes	74-3	83	668	20		

1. HVAC-NO AC A/C NOT INSTALLED 2. STORAGE IN CLASSROOM, NOT IN USE 3. MUSTY · ACNOTON - NO MOLD -4. 5.____