

WARWICK PUBLIC SCHOOLS

Philip Thornton, Ed.D. SUPERINTENDENT

Steven D. Gothberg, Director DEPT. of BUILDINGS & GROUNDS

150 Draper Avenue Warwick, Rhode Island 02889 TEL (401) 734-3400 FAX (401) 734-3404 TTY 1-800-745-5555

TO:

Philip Thornton, Ed.D, Superintendent

FROM:

Steven D. Gothberg, Director

DATE:

March 22, 2017

SUBJECT:

Air Quality Testing Report for Warwick Veteran's

Attached, please find the completed and reviewed Air Quality Testing Report, submitted to Warwick Public Schools, by Environmental Consulting and Management after their Air Quality Testing at Warwick Veteran's Memorial Junior High School. Please forward this report to the School Committee for their review and release as they see fit. Myself and Mr. Daniel Simas, from Environmental Consulting and Management, will be available at the School Committee meeting on April 4, 2017 for any questions, regarding the report and testing, that the School Committee may have.

Please contact me should you have any questions regarding this recommendation.



March 6, 2017

Warwick Public Schools Attn: Mr. Phil Ricchiuti 150 Draper Avenue Warwick, RI 02889

Re: Indoor Air Quality Survey Results - Warwick Veterans Junior High School

Dear Mr. Ricchiuti:

Environmental Consulting and Management, Inc. (ECM) personnel performed an indoor air quality survey from February 28th through March 2nd, 2017 within the Warwick Veterans Junior High School located at 2401 West Shore Road, Warwick, RI. The testing consisted of the use of direct reading instrumentation to analyze levels of temperature, relative humidity, carbon monoxide/dioxide, volatile organic compounds (VOCs), hydrogen sulfide, and oxygen within the building along with exterior sampling for comparison purposes.

Indoor air quality is affected by a variety of factors including time of day, season, weather, occupancy, housekeeping, HVAC systems, and outside influences such as fungal spores or pollution. Air quality problems can be caused by one or more of these constantly changing factors.

OBSERVATIONS

The Warwick Veterans Junior High School building originally opened in 1956, and expanded to include the 900 Wing in the 1960s. In 2016 the school underwent a conversion to a middle school with children from Aldrich Junior High School and Gorton Junior High School being sent to the new middle school. Currently the school is running at approximately 90% capacity. The testing was performed by ECM at the Warwick Veterans Junior High School in response to increasing complaints of poor indoor air quality within the school. The survey was conducted in each student and faculty occupied space in the Warwick Veterans Junior High School, it was however limited to readily accessible areas only, and therefore did not include areas such as spaces above drop ceilings, inside duct work, or in the crawlspace. The survey was conducted during normal school hours with students and faculty occupying the areas during testing, and environments encountered were representative of typical conditions. All faculty and staff were accommodating during testing, allowing us access to all areas needed for the survey, and providing background on their experiences within the building.

Overall, the building appeared generally clean and fairly well maintained. Floors were generally clean, waxed, and clear of debris, horizontal surfaces appeared free of dust accumulation, and no unusual odors were detected. Some classrooms had the windows open to help ventilate the room, however the windows were open in less than twenty percent of the classrooms as it was fairly cold outside. Occupancy of the classrooms varied by time of day, with some rooms being vacant during certain periods and others occupied by up to twenty five students and a teacher. Classrooms that contained larger numbers of students and faculty with the windows closed were perceived to feel much warmer and more humid, due to a lack of ventilation.

The most common deficiency observed in many of the classrooms and hallways was the number of water stained ceiling tiles, primarily on the first floor. Many of the classrooms have suspended drop ceiling tiles with the original 1'x1' acoustical ceiling tiles present above. In rooms where there are no drop ceilings or areas where the original acoustical ceiling is visible above, a large number of heavily water stained 1'x1' ceiling tiles were observed. These areas include the first and second floor of D Wing, and the first floor of B Wing and C Wing. The fiberglass insulation lining the ceiling in the G Wing area was observed to be water damaged as well. ECM observed from the building exterior that some of the rubber roofing on the G Wing is no longer adhered to the roof deck, meaning the integrity of the roofing may be compromised and no longer watertight. Given the design of the roof of G Wing, water that penetrates the roof would collect at the location discovered to be water stained on the insulation below.

Possible asbestos containing material were also noted during the survey, including older floor tile in areas mostly inaccessible to students, pipe insulation, and ceiling tiles. All possible asbestos containing materials were found to be in good condition and not in need of immediate remediation. According to documents provided by Warwick Schools an AHERA management plan is in place to monitor the condition of these materials.

METHODOLOGY

ECM utilized the following direct reading instruments:
Amprobe CO2-100 - Temperature, Relative Humidity, Carbon Dioxide
GX-6000 Smart 6 Sensor Sample Draw Gas Monitor – VOCs, Carbon Monoxide, Hydrogen Sulfide, Oxygen

DIRECT READING RESULTS

Temperature:

The Amprobe CO2-100 found the indoor temperature range to be between **61.0** and **77.6** degrees Fahrenheit within the areas tested. The exterior temperatures ranged between **48.5** and **60.7** degrees. The American Society of Heating Refrigeration and Air Conditioning Engineers (ASHRAE) recommend a winter indoor temperature range of between 68 and 76 degrees Fahrenheit. Indoor temperatures are highly dependent on outdoor conditions, and small variances outside the ASHRAE recommended range does not necessarily indicate an indoor air quality problem.

Relative Humidity:

The Amprobe CO2-100 recorded interior relative humidity levels between 11.2% and 55.2%. The exterior humidity level was found to be between 23.7% and 85.1% over the three days of testing. According to the ASHRAE Standard 55-1981, relative humidity should be maintained between 30% and 60% depending on the season and indoor temperatures. Humidity itself is not usually considered to cause health problems unless it it is found to be at one extreme or the other. Low humidity can lead to irritation of the eyes, nose, and throat of the building occupants. High humidity can provide ideal conditions for the growth of microorganisms and mold, which can in turn cause allergic reactions in building occupants.

Carbon Dioxide:

Carbon dioxide (CO₂) is a natural constituent of the air we breath; it is a colorless, odorless and non-flammable gas produced by metabolic processes (such as respiration) and by combustion of fossil fuels. The average outdoor air concentration of carbon dioxide is in the order of 350 to 400 ppm. Indoor levels are usually higher, due to the carbon dioxide exhaled by building occupants. Human respiration alone can lead to carbon dioxide levels in excess of 3,000 ppm, especially in poorly ventilated rooms. Indoor combustion appliances, in particular gas stoves, can also increase carbon dioxide levels. Inadequate outside air ventilation can make classrooms uncomfortable and can reduce productivity. Poor ventilation can also lead to increased humidity, as moisture produced indoors is not vented to the outside. High humidity can encourage the growth of mold and dust mites; both of which are allergens and asthma triggers.

Carbon dioxide levels within the areas sampled were found to be between 403 and 4130 parts per million (ppm). The outdoor levels ranged between 383 and 424 ppm. The ASHRAE guideline recommends that the indoor concentration of carbon dioxide should be less than 700 ppm above the outdoor readings. Carbon dioxide concentrations in occupied spaces usually range from 500 to 1000 ppm. Large concentrations of carbon dioxide can cause air quality concerns as an indicator of the lack of outside air exchange rates. The NIOSH/OSHA exposure limit is 5000 ppm based on an 8 hour exposure period. The highest levels of CO2 were found in classrooms with large numbers of active students with the windows often closed or only slightly open, most commonly in the 900 Wing, D Wing, and B Wing.

Potential Concerns for CO2 Concentration:
350-400 ppm - normal outdoor ambient air
350-1000 ppm - indoor occupied spaces with good air exchange
1000-2000 ppm - complaints of drowsiness and poor air quality
2000-5000 ppm - complaints of headaches, loss of concentration, sleepiness, and stale air.
>5000 ppm - the permissible exposure limit for occupied spaces, toxicity could occur

Carbon Monoxide:

Carbon monoxide (CO) is a poisonous, colorless, odorless, and tasteless gas. Carbon monoxide is a common industrial hazard resulting from the incomplete burning of natural gas and any other material containing carbon such as gasoline, kerosene, oil, propane, coal, or wood. Forges, blast furnaces and coke ovens produce CO, but one of the most common sources of exposure in the workplace is the internal combustion engine.

Besides tightness across the chest, initial symptoms of CO poisoning may include headache, fatigue, dizziness, drowsiness, or nausea. Sudden chest pain may occur in people with angina. During prolonged or high exposures, symptoms may worsen and include vomiting, confusion, and collapse in addition to loss of consciousness and muscle weakness. Symptoms vary widely from person to person. CO poisoning may occur sooner in those most susceptible: young children, elderly people, people with lung or heart disease, people at high altitudes, or those who already have elevated CO blood levels, such as smokers. Also, CO poisoning poses a special risk to fetuses.

The OSHA PEL is 50 parts per million (ppm). OSHA standards prohibit worker exposure to more than 50 parts of the gas per million parts of air averaged during an 8-hour time period.

Carbon monoxide was **not detected** within any of the areas tested.

Volatile Organic Compounds (VOCs):

Volatile organic compounds are chemicals used to manufacture and maintain building materials, interior furnishing, cleaning products and personal care products. "Volatile" means that these chemicals evaporate or can easily get into the air at room temperature. "Organic" means these chemicals are carbon based. The term "chemical emissions" refers to VOCs as they evaporate into the air from products.

Studies by the U.S. Environmental Protection Agency (U.S.EPA) and other researchers have found that VOCs are common in indoor environments and that their levels may be two to a thousand times higher than outdoors. There may be anywhere from 50 to hundreds of individual VOCs in the indoor air at any one time. Some may produce objectionable odors at very low levels, but many have no noticeable smell. Many VOCs are irritants and can cause headaches, eye, nose and throat irritation and dizziness. Long-term exposure to certain VOCs may lead to chronic diseases or cancer. At high concentrations, some VOCs are toxic.

VOCs levels were found to be **1.2 ppm or less** during the survey, with the one exception being the former automotive shop area, with readings peaking at **7.8 ppm** where spray paint had just been used, and **2.7 ppm** in the adjacent room.

Hydrogen Sulfide:

Hydrogen sulfide is a colorless gas with the characteristic foul odor of rotten eggs. Hydrogen sulfide often results from the microbial breakdown of organic matter in the absence of oxygen gas, such as in swamps and sewers. Hydrogen sulfide gas is created and released into the air when waste water remains stagnant for a long period of time, and becomes depleted of dissolved oxygen. Hydrogen sulfide also occurs in volcanic gases, natural gas, and in some sources of well water. People living or working near improperly functioning sewage systems can be affected by this toxic gas. Higher levels of hydrogen sulfide are often found within the steam rising from manhole covers in cities, which can be brought into homes and buildings through HVAC systems causing adverse health effects for occupants.

Hydrogen sulfide exposure causes a variety of adverse health issues. Low levels of hydrogen sulfide can cause respiratory issues, eye irritation, dizziness, nausea, headache and drowsiness. At high levels, hydrogen sulfide can cause rapid loss of consciousness and even death. Hydrogen sulfide is also responsible for an estimated 50-70% of the sewage pipe corrosion in the United States. This corrosion occurs when hydrogen sulfide gas reacts with the moisture on the walls of the pipe to form caustic sulfuric acid (H2SO4), which corrodes the infrastructure of the sewage system. This corrosion leads to the need for costly pipe repairs, and increases the likelihood that additional hydrogen sulfide will be released into the air near offices and homes. Hydrogen sulfide was **not detected** in any of the areas tested at Warwick Veterans Junior High School.

CONCLUSIONS AND RECOMMENDATIONS

Refer to Attachment #1 for specific measurement results for each room and area sampled. The readings detected for carbon monoxide, VOCs, hydrogen sulfide, and oxygen were all within their ASHRAE recommended ranges. Relative humidity was slightly low in several areas, but this is not uncommon during the winter time. Several rooms also had dehumidifiers in use during the time of the survey which were provided by the school because of the concern of steam piping leaks. Low humidity can often be a cause for discomfort among occupants, leading to irritation and dryness of the eyes, nose, and throat.

The average temperature levels found within the building were typically with the recommended range, with only a few of the more heavily occupied rooms with closed windows reaching temperatures near 78 degrees.

Carbon dioxide levels in most of the classrooms were found to be above 1000 ppm, with some of the more heavily occupied rooms reaching levels of 1400 to 4100 ppm. These levels are the direct result of human metabolism from a large number of students in a room with inadequate ventilation. Classrooms with open windows had slight improvements in carbon dioxide levels, but most were still above 1000 ppm. According to Warwick School Department representatives upgrades to the buildings ventilation system is one of the improvements scheduled to take place between summer 2017 and summer 2018. The installation of rooftop HVAC units should increase fresh air intake and overall air circulation and air quality within the building.

The most significant visual issue is with the water damaged ceiling tiles. The original 1'x1' spline ceiling tiles show signs of water damage from either current or past issues from condensation on uninsulated piping in the ceiling above, or inadequacies in the roofing causing exterior water intrusion. According to Warwick School Department representatives the roofing has been completely redone since 2014, and any ceiling tile damage related to roofing are from past events. The majority of the water damage to the ceiling tiles appears come from steam piping deficiencies. These steam related issues are scheduled to be addressed in the near future. The water stained tiles in the drop ceiling should be properly replaced as soon as possible. The water damaged 1'x1' spline ceiling tiles should also be addressed, during the future steam heating system upgrades. ECM was unable to access the areas above the drop ceiling or perform a closer inspection of the spline ceiling tiles, therefore it is unknown if any fungal growth is present related to the water damaged tiles.

LIMITATIONS

All observations documented in this report were made under the conditions existing at the time of the survey. Indoor air quality is affected by a wide variety of conditions including weather, time of year, occupancy, and exterior conditions. The levels documented within this report should only be used as a general guideline of current exposure conditions. Should conditions change they should be brought to the attention of ECM Inc. for further investigation. New information, verified by ECM Inc. personnel, may lead to modification of the observations and conclusions presented in this report. No warranties other that those expressed in the contract for this project are expressed or implied.

Sincerely,

Environmental Consulting & Management

Jason Sweet

Environmental Consultant/Project Manager

Colin Hannagan

Environmental Consultant

Technical Review by

Paul Matuszko, Certified Industrial Hygienist

ECM - Project Associate

American Board of Industrial Hygiene Certification # 9236

| 9 | Sample Location | Time | | Relative Humidity (| | an (bbud) | VOC (ppm) | " eren (bbur) | | # Occupants (Students/Teachers) | Windows | Comments |
|--------|--------------------------------|-------|------|---------------------|-------|------------------------|---------------|---------------|------|--|-------------------|---|
| | Exterior | 9:11 | 48.5 | 58.8 | 424 | · · · | 0 | 0 | 20.9 | | .j | Windy with no precipitation |
| g | | | | | | | | | 1 | | | |
| 17 | Room 913 | 9:18 | 66.5 | 53.7 | 1095 | 0 | . 0 | 0 | 20.9 | 18/1 | Closed | Three dying houseplants |
| 17 | Room 911 . | 9:22 | 69,6 | 44,4 | 856 | 0 | . 0 | Ð | 20,9 | 0 | Closed | Closet floors dirty |
| 7 | Room 909 | 9:27 | 70,6 | 45,9 | 1224 | n . | . 0 | 0 | 20,9 | 0/1 | Closed | Refrigerator with fruit on top |
| | Room 907 | 9:33 | 71.1 | 37.3 | 722 | | , | 0 | 20.9 | 0 | Closed | One slightly discolored ceiting tile by windows, damaged floor tile in corner by utility tunnet hatch |
| | Room 905 | 9:39 | 72,3 | 49,4 | 1336 | ů | 0.1 | 0 | 20.8 | 22/1 | Closed | one aighty discolored setting the by willicons, damaged noor the in content by brinty district helds |
| | | | | | | | | | | | | |
| | Room 903 | 9:42 | 71.2 | 38.4 | 694 | 0 | i0 | 0 | 20.8 | Ů. | Closed | Air purifier/ionizer in use, water damaged ceiling tile by vent and exterior corner |
| 7 | Room 901 | 9:45 | 70.9 | 45 | 976 | 0 | 0 | 0 | 20,9 | 22/2 | Closed | |
| 7 | Room 900 | 9:47 | 71.1 | 36.7 | 670 | 0 | . 0 | Ð | 20,9 | 21/1 | Closed | |
| 7 | Resource Office | 9:50 | 70.9 | 30.5 | 484 | 0 | 0 | - 0 | 20.9 | 0 | Closed | · · · · · · · · · · · · · · · · · · · |
| 7 | Room 902 | 10:12 | 71.5 | 39.4 | 1029 | 'n | | | 20.8 | 18/2 | Closed | Refrigerator and Keurig machine, four damaged floor tile by teacher desk |
| | Room 904 | 9:55 | 69.6 | 39.8 | 725 | | | | 20.9 | 8/1 | | Slight odor in closet, CO2 increase in closet |
| | | | | | | ų. | ψ. • | ~ | | | Closed | |
| | Room 906 | 9:59 | 70.9 | 39.8 | 601 | 0 | 0 | D | 20.9 | . 0 | Closed | One water damaged ceiling tile by windows |
| 7 | Room 908 | 10:04 | 71.5 | 41.8 | 1063 | 0 | 0.1 | . 0 | 20.8 | 1/1 | Closed | Air purifier in use, 3 water damaged celling tiles along track in front center of room |
| 7 | Room 910 | 10:09 | 73.3 | 42.6 | 1698 | 0 | 0.1 | Ð | 20.7 | 21/1 | Two Stightly open | Four damaged floor tile around utility hatch |
| | 900 Wing Custodial Closet | 10:16 | 68.3 | 40 | 663 | 0 | . 0 | 0 | 20.9 | 0 | None | |
| | 900 Wing Server/work room | 10:18 | 69 | 36.6 | 615 | ò | | D | 20.9 | 0 | None | |
| | | 10:25 | 69.5 | 34.3 | 546 | 💥 | ٠ ٽ ِ | | | ······································ | | |
| | Cafeteria | | | | | U | U | | 20,9 | | Closed | 2 covered radiators |
| | Kitchen | 10:28 | 70.4 | 35 | 565 | 0 | 0 | 0 | 20,9 | 5 | Closed | Hole in ductwork vibration cloth, TSI with no damage, water staining on ceiling in utility closet |
| 7 | Room D101 | 10:33 | 71 | 35,5 | 850 | 0 | 0 | D | 20,9 | 20/1 | Closed | 2 houseplants |
| 7 | Room D103 | 11:19 | 73.5 | 37.1 | 1233 | 0 | 0.1 | D | 20.7 | 20/2 | Closed | Two heavily stained ceiling tiles with damage on ceiling above |
| | Room D105 | 10:37 | 63.9 | 32.2 | 417 | a | . 0 | 0 | 20.9 | 0 | Three wide open | 2 heavily stained ceiling tiles |
| | Room D107 | 10:43 | 69.3 | 35.9 | 765 | 0 | | D. | 1 | 9/1 | | One water stained ceiling tile |
| | | | | | | ٧ | <u>u</u> | | 20.9 | | Closed | |
| | Room D109 | 10:48 | 72.1 | 38.2 | 1438 | .0 | 0.1 | | 20.8 | 25/2 | One slightly open | Large amount of houseplants |
| | Room D111 | 10:49 | 74.2 | 30.8 | 731 | 0 | 0 | D | 20.9 | 19/1 | One slightly open | Radiators covered with supplies |
| 7 | Room D108/110 | 10:54 | 74.1 | 27.4 | 531 | 0 | 0 | 0 | 20.9 | 0 | Closed | Radiator slightly covered |
| | D Wing Teachers Room | 11:00 | 73 | 28.5 | 584 | 0 | | 'n | 20.9 | | Closed | Many heavily water stained 1x1 celling tiles |
| | Room D106 | 11:06 | 73.3 | 29.6 | 605 | | | 0 | 20,9 | | | Three water stained ceiling tijes, stairing on tiles above drop ceiling |
| | | | | | | | | | | | Closed | Three water stained calling tiles, staining on tiles above drop beiling |
| | Room D104 | 11:09 | 72.7 | 35.3 | 950 | 0 | 0.3 | D | 20.8 | 17/1 | Closed | |
| | Room D102 | 11:11 | 72,3 | 32,2 | 748 | 0 | 0.7 | 0 | 20.9 | 4/1 | Closed | One houseplant |
| 7 | D Wing Teachers Room (by D10; | 11:14 | 72.5 | 32,1 | 621 | 0 | 0.1 | 0 | 20.9 | ο | Closed | Three heavily stained tites near comer pipe screwed back into place, covered with silicone |
| n | | | | | | | _ | | 1 | | | • |
| | Cafeteria | 12:08 | 68.3 | 47.4 | 1130 | a | 0 | Đ | 20.9 | | Closed | · · · · · · · · · · · · · · · · · · · |
| | | | | | | marana (ili de deserra | | | | | | |
| | Room DJ5 | 12:11 | 71 | 36,7 | 736 | 0 | . 0 | Đ | 20.9 | 0 | None | |
| | D Wing Storage Room | 12:13 | 71,8 | 39.2 | , 784 | 0 | | 0 | 20.9 | 0 | None |) |
| 7 | Room 913 | 12:17 | 68,5 | 44,5 | 848 | 0 | . 0 | 0 | 20.9 | 1 | Closed | |
| 7 | Room 911 | 12-21 | 69.3 | 56.8 | 2401 | 0 | . 0 | 0 | 20.9 | 1 | Closed | |
| | Room 909 | 12:24 | 71.8 | 59.7 | 4130 | n | 0.5 | ō | 20.7 | 25/1 | Closed | |
| | | 12:27 | 71.5 | 46.1 | 1149 | | . 0.5 | | | 18/1 | | |
| | Room 907 | | | | | | Ü | | 20.9 | | Closed | |
| | Reom 905 | 12:29 | 71 | 45.8 | 1103 | <u>D</u> | 0 | 0 | 20.9 | 0 | Closed | |
| | Room 903 | 12:32 | 69.8 | 43,8 | 844 | Q. | . 0 | 0 | 20.9 | 5 | Closed | I |
| 7 | Room 901 | 12:37 | 70.1 | 44.3 | 1050 | Q | 0 | 0 | 20,9 | 21/1 | Closed | |
| | Room 900 | 12:40 | 69.1 | 43.3 | 1780 | 0 | 0 | 0 | 20,9 | 20/2 | Closed | |
| | Resource Room | 12:42 | 69.7 | 40.5 | 980 | n | | 6 | 20,9 | 0 | Closed | |
| | | | | | | | ÷ | | | | | |
| | Room 902 | 12:50 | 70.4 | 44.2 | 1531 | 0 | 0 | | 20.9 | 21/2 | Closed | \$ 1,000 to 1 |
| | Room 904 | 12:52 | 69.9 | 47,8 | 1530 | 0 | 0,1 | 0 | 20,9 | 3/1 | Closed | |
| , | Room 906 | 12:56 | 69.7 | 39.9 | 956 | 0 | 0 | 0 | 20.9 | 0 | Closed | |
| 7 | Room 908 | 12:59 | 71.3 | 46.7 | 2056 | 0 | 0.1 | | 20.9 | 9/1 | Closed | I |
| | Room 910 | 13:02 | 70.2 | 43.8 | 1090 | | 0 | 0 | 20.9 | 22/1 | Closed | |
| | | | | | 840 | | | | | | | And the state of t |
| | Occupational Therapy Storage H | 13:12 | 66.7 | 43.9 | | 0 | · · · · | 0 | 20.9 | 0 | Closed | 30 water stained ceiling tiles, 4 missing, some heavily damaged, water damaged floor tiles in several local |
| 7 | Room D101 | 13:15 | 71.9 | 49.5 | 3124 | 0 | 0.1 | 0 | 20.8 | 24/2 | Closed | L |
| 7 | Room D103 | 13:18 | 73.2 | 42.5 | 2050 | 0 | 0 | 0 | 20.9 | 24/2 | Closed | |
| | Room D105 | 13:22 | 63.2 | 39.7 | 815 | 0 | 0 | 0 | 20.9 | 0 | Three wide open | |
| | Room D107 | 13:25 | 67.5 | 45 | 1372 | ō | a | ō | 20.9 | 8/1 | Closed | |
| | | | | | | | to a contract | | | | | I control to the cont |
| | Room D109 | 13:29 | 72.6 | 44.3 | 2703 | 0 | 0.1 | 0 | 20.9 | 20/1 | Closed | Филосон и жимний помент от мент поменти поменти поменти по постоя по постоя по постоя по постоя по по по по по |
| | Room D111 | 13:32 | 74.3 | 34.2 | 1493 | 0 | 0 | . 0 | 20.9 | 21/1 | One slightly open | |
| | Room D108/110 | 13;35 | 73.6 | 31,8 | 1376 | 0 | 0 | . 0 | 20.9 | 1 | Closed | |
| | D Wing Teachers Room | 13:55 | 72,9 | 32.6 | 1265 | 0 | 0 | | 20.9 | | Closed | |
| | Room D106 | 13:58 | 73,2 | 38.9 | 1412 | | | | 20.9 | 12/1 | Closed | ************************************** |
| | | | | | | - | | | | | | |
| | Room D104 | 14:00 | 71.5 | 35.8 | 1005 | 0 | 0 | .0 | 20.9 | 0 | Closed | |
| | Room D102 | 14:03 | 71.9 | 38.2 | 1188 | 0 | 0.1 | 0 | 20.9 | 7/2 | Closed | |
| | Teachers Room (by D102) | 14:06 | 71.3 | 36.7 | 1108 | 0 | a | 0 | 20.9 | 0 | Closed | |
| 7 | | | | | | • | : - | - | ; | • | 1 | |
| 7 | | 14:30 | 51,4 | 74,2 | 385 | ٥ | | 0 | 20,9 | | : | Light precipitation |
| 7 | C., | | 51,4 | | 305 | | į | | | . | | Filter basedomina. |
| 7 | Exterior | | | | | | | | 1 | | 1 | I |
| , | Exterior | . ! | | | | | * * | | | | | |
| ? ? | Exterior | . ! | | | | | | | ļ | | | |
| ? ? | Exterior | | | | | | : | | ļ | | | |
| 7 | Exterior | | | | | | f | | ļ | | | |

| New Part P | Date | Sample Location | Time | | Relative Humidity (%) | | | VOC (ppm) | | | (%) # Occupants (| Students/Teachers) | Windows | Comments |
|--|--------|---------------------|-------|------|-----------------------|------|----------|-----------|----------|------|----------------------|--------------------|-------------------|--|
| 2007 Prof. 200 | | Exterior | 7:55 | 52.3 | 85.1 | 420 | 0 7 | 0 | D | 20.9 | | | Į | Light precipitation |
| 100 | | | | | | | | | | 1 | | | : | |
| 100 100 100 101 | 3/1/17 | Room D215 | 8:00 | 67,9 | 51 | 925 | 0 : | 0 | 0 | 20,9 | | 1 | Closed | 12 1x1 ceiling tiles water damaged, three houseplants |
| Month Mont | 3/1/17 | Room D213 | 8:04 | | 48,2 | 1065 | 0 7 | 0 | 0 | | | 12/1 | | |
| Month 1907 No. 1908 180 | | | | | 44.5 | 1184 | 0 | 0 | O | | | | | |
| 1979 Prof. 1971 1972 | | | | | | | a | a | ō | | | ñ | | |
| 907 No. 1000 14 72 73 190 0 1 2 20 100 | | | | | | | | | | | | | | en manamana ama asana da manasan na na naman manaman na amman na naman a manaman na manaman manaman a manaman |
| 2017 Post-Diff 1967 1972 241 | | | | | | | | n 1 | | | | | | Tue beginning |
| Str. | | | | | | | | | | | | | | |
| \$177 Respondence 20 | | | | | | | | | | | | | | |
| SAME | | | | | | | | | | | | | | Aquariums on radiators |
| SMT Post P | | | | | | | | | | | | | | |
| Section Sect | | | | | | | 0 | 1_2 | 0 | 20.9 | | 19/2 | Four open | Three houseplants |
| Month Mont | | | | | | | 0 | 0 | 0 | 20.9 | | 18/1 | One open | Five houseplants |
| Sum Property March Mar | 3/1/17 | Room D210 | 8:31 | 72.4 | 45.3 | 1987 | 0 | a | 0 | 20.9 | | 25/1 | Closed | Air purifier in use, 15 houseplants |
| Mary | 3/1/17 | Room F2 | 8.35 | 74.6 | 42.2 | 935 | 0 | 0 | O | 20.9 | | 0 | None | April 1900 Anni A Para Amerika anni Amerika anni Amerika anni Amerika anni Amerika anni Amerika anni Amerika a |
| Style Styl | 3/1/17 | | 8:37 | 74,2 | 42.6 | 924 | 0 | Ð | G. | 20.9 | | 0 | | 21 Water damaged ceiling tiles 1x1 |
| Section Sect | 3/1/17 | Library | 8:42 | 74.5 | 41 | 1020 | 0 | Θ | 0 . | 20.9 | | 2 | | |
| South Sout | | | | | | | | n | | | | . . | | |
| 2017 Sect Color Sect | | | | | | | | | | | | <u>*</u> | | |
| Style | | | | | | | Ÿ : | | | | | | Ckosed | |
| \$Style \$\text{Style \$\te | | | | | | | | <u>u</u> | | | | | | Une water stained ceiling die |
| ## Secretary Sec | | | | | | | 0 : | 0 | - | | | | | |
| 2017 Power COOP | | | | | | | . 0 | 0 | | | | | | Six water stained ceiling files |
| Section Sect | | | | | | | 0 | 0 | D. | | | 0 | Closed | |
| 2017 2018 | 3/1/17 | | | | | | 0 . | 0 | 0 | 20.9 | | 0 | Closed | |
| \$\text{\$\text{Weyner}\$ \$\text{\$ | 3/1/17 | Room C205 | 9:05 | 67.9 | 46.8 | 1126 | 0 : | 0 | 0 | 20.9 | | 0 | Closed | Four water stained ceiling tiles |
| March Marc | 3/1/17 | | 9:09 | | | | 0 | 0 | ū | | | 0 | | |
| Mile Month | | | | | | | 0 | | | | | 0 | | |
| 2011 Room 1505 624 72.9 44.9 1355 0 0 0 20.9 1 Closed Clos | | | | | | | 0.000.00 | | n | | | | | |
| Minute M | | | | | | | | • | | | | - | | Providence and allowed and a second |
| STITE Room SECTION SCALE Control C | | | | | | | | · | <u>.</u> | | | | | radiator partially blocked |
| | | | | | | | | 0 | | | | | | |
| ## SIMP Room SET2 | | | | | | | | | | | | | | Uninsulated pipe under front teacher counter, reports of condensation |
| SIATE Room B213 9-52 7-3.6 48,0 2220 0 0.1 0 20,0 1041 Closed | | | | | | | | | | | | | | |
| 9/117 Room 2623 | | | | | | | . 0 | | | | | | | |
| SITIT Room 2011 SAS 73.8 41.8 1068 0 0 0 0 20.9 0 Closed Dehanticitier in use | 3/1/17 | Room B208 | 9:39 | 73,6 | | 2230 | 0 | 0.1 | 0 | 20.8 | | 24/1 | Two slightly open | Dehumidifier in use |
| \$\text{SYMTP}\$ \$\text{Room BZQF} \text{9.8} \text{7.5} \text{4.8} \text{1585} 0 \text{C.f} 0 \text{2.9} 0 \text{Const.} \qquad \qq | 3/1/17 | Room B213 | 9:42 | 73.3 | 47.1 | 1988 | 0 | 0.1 | 0 | 20,8 | | 18/1 | | |
| \$\text{SYMTP}\$ \$\text{Room BZQF} \text{9.8} \text{7.5} \text{4.8} \text{1585} 0 \text{C.f} 0 \text{2.9} 0 \text{Const.} \qquad \qq | 3/1/17 | Room B211 | 9:45 | 73.9 | 41.8 | 1668 | D | 0 | 0 | 20.9 | | 0 | Closed | Dehumidifier in use |
| 9.11 | 3/1/17 | Room 8209 | 9:48 | 72.5 | 44.6 | 1595 | ß | 0.1 | | 20.9 | | 13/1 | Closed | |
| 9/17 February 2015 100 72 45 1988 0 0 0 2.00 1 Cheed 1002 1003 74.5 41.6 41.7 0 0 0 2.00 1 Cheed 11 sighty water stained celling like 1002 10.00 1 | | Room 8207 | | | | | n. | | 0 | | | | Cincert | |
| Perfect Office 1002 71.1 44.8 1322 0 0 0 2.0.9 1 Closed 15 slightly water stained celling than 10.0.8 11.7 Room G104 10.11 71.8 43.4 10.4 0 0 0 20.8 16/1 Closed 15 slightly water stained celling than 10.11 71.3 43.4 10.4 0 0 0 20.8 16/1 Closed 10.11 71.3 43.4 10.4 0 0 0 20.8 10.11 71.3 43.4 10.4 0 0 0 20.8 10.11 71.3 43.4 10.4 10.11 71.5 73.5 42.7 1588 0 0 0 20.8 9 Closed 71.7 71.5 71 | | | | | | | | | | | | | | One terms becomed |
| 2011 Room G102 1009 74.5 41.8 4417 0 0 0 20.9 1 Cleased 11 allgolfly water stained calling libra 11 allgolfly water stained ca | | | | | | | | | | | | | | One large incorpacie |
| SVITT Room G104 1012 74.8 46 2270 0 0 0 20.8 16/1 Closed C | | | | | | | | | | | | 1 | | La mara de la compansa de la compans |
| SIMIT Propress 10.27 71.3 43.4 10.04 0 0 0 2.0.8 9 Closed | | | | | | | | | | | | . 1 | | |
| 3/1/17 Program 10.25 73.5 42.7 1888 0 0 0 20.9 9 Closed Valer damaged freedrises insulation 3/1/17 Room G110 Models 10.30 73.6 41 1410 0 0 0 20.9 62 Closed Valer damaged freedrises insulation 3/1/17 Room G110 Models 10.30 73.6 41 1410 0 0 0 20.9 0 Closed Valer damaged freedrises insulation 3/1/17 Room G110 Models 10.32 72.2 42.6 1340 0 0 0 20.9 0 Closed Valer damaged freedrises insulation 3/1/17 Room G109 10.94 71.6 45.5 1288 0 0 0 0 20.9 0 Closed Valer damaged freedrises insulation 3/1/17 Room G109 10.94 73.6 41.1 1344 0 0 0 0 20.9 20.1 Closed Valer damaged freedrises insulation 3/1/17 Room G105 13.38 73.1 44.5 1384 0 0 0 0 20.9 20.1 Closed Valer damaged freedrises insulation 3/1/17 Room G105 10.94 73.6 47.8 1978 0 0 0 20.7 191 Trace per Time valer stained celling likes 3/1/17 Room G101 10.94 73.6 47.8 1978 0 0 0 20.7 191 Trace per Time valer stained celling likes 3/1/17 Room G101 10.94 73.6 47.3 1978 0 0 0 20.8 20.1 Closed | | | | | | | | | | | | | | 10 slightly stained ceiling tiles |
| ### Nom 0109 Wood Shop | | Room G106 | | | | | 0 | 0 | 0 | | | 3/2 | | |
| STATE No. of \$10 Metals 10.30 73.8 41 1400 0 0 0 20.9 602 Closed Water damaged theregiase insulation | | | | | | | 0 | 0 | 0 | | | | | |
| 2011 | 3/1/17 | Room G108 Wood Shap | 10:27 | 74.5 | 41.1 | 1418 | 0 | 0 | 9 | 20.9 | | 16 | Closed | Water damaged fiberglass insulation |
| 2011 Room G109 10:34 71.6 48.5 1288 0 0 0 0 20.8 201 Closed | 3/1/17 | Room G110 Metals | 10:30 | 73,6 | 41 | 1400 | 0 | 0 | 0 | 20.9 | | 6/2 | Closed | Water damaged fiberglass insulation |
| 19/11 Room G109 10:34 71.6 48.5 1288 0 0 0 0 20.8 20.1 Closed | | | | | 42.8 | | a | 0.1 | o | | | | | |
| 2011 Room G107 10:38 73.1 45.4 1526 0 0 0 20.8 2011 Closed | | | | | | | | | 0 | | | | | inger relation to the control of the |
| 3/1/17 Room G105 10:38 73.3 44.1 1394 0 0 0 0 20.9 22/1 Closed Five water stained ceiling lites 3/1/17 Room G101 10:44 74.6 47.9 1978 0 0 0 0 20.7 19/1 Three open Three valer stained ceiling lites 3/1/17 Room G101 10:44 74.6 47.9 1978 0 0 0 0 20.8 20/1 Closed Schroce laboratory drainage Tank in corner, six water attained ceiling lites 3/1/17 Room G101 10:49 76 39.8 11:33 0 0 0 0 0 20.9 0 None 3/1/17 Weight Room 10:52 70.5 44.7 11:30 0 0 0 0 20.9 0 Closed 3/1/17 Sympasium 10:52 70.5 44.7 11:30 0 0 0 0 20.9 0 Closed 3/1/17 Sympasium 10:57 73.8 42.8 10:44 0 0 0 0 0 20.9 0 None 3/1/17 Sympasium 10:57 73.8 42.8 10:45 0 0 0 0 20.9 0 None 3/1/17 Sympasium 10:57 73.8 42.8 10:45 0 0 0 0 20.9 1 Closed 3/1/17 Room D215 11:45 89.2 50.6 15:44 0 0 0 0 20.9 1 Closed 3/1/17 Room D215 11:45 89.2 50.6 15:44 0 0 0 0 20.9 1 Closed 3/1/17 Room D215 11:45 70.4 55.2 22:12 0 0 0 0 0 20.9 1 Closed 3/1/17 Room D215 11:45 70.4 55.2 22:12 0 0 0 0 0 20.9 0 Closed 3/1/17 Room D215 11:45 70.4 55.2 22:12 0 0 0 0 0 20.9 0 Closed 3/1/17 Room D215 11:50 71:3 47.9 17:58 0 0 0 0 20.9 0 Closed 3/1/17 Room D205 11:55 70.6 55.5 17:24 0 0 0 0 20.9 0 Closed 3/1/17 Room D205 11:55 70.6 55.5 17:24 0 0 0 0 20.9 0 Closed 3/1/17 Room D205 11:55 70.6 55.5 17:24 0 0 0 0 20.9 0 Closed 3/1/17 Room D205 11:55 70.6 55.5 17:24 0 0 0 0 0 20.9 0 Closed 3/1/17 Room D205 11:55 70.6 55.5 17:24 0 0 0 0 0 20.9 0 Closed 3/1/17 Room D205 11:55 70.6 55.5 17:24 0 0 0 0 0 20.9 0 Closed 3/1/17 Room D205 11:50 71:55 71:50 71:50 71:50 71:50 71:50 71:50 71:50 71:50 71:50 71:50 71:50 71:50 71:50 71:50 71:50 71:50 71:50 | | | | | | | | | | | ***** **** ** ** *** | | | |
| 24/17 Room C103 10-40 73.8 48.6 1918 0 0 0 20.7 19/1 Three year Three water stained ceiting tiles Science laboratory drainage Tank in corner, six water attained ceiting tiles, three houseplants 25/1/17 Cymnasium A 10-49 76 39.8 1133 0 0 0 20.9 0 None 25/1/17 Cymnasium A 10-49 76 39.8 1133 0 0 0 20.9 0 None 25/1/17 Boys Locker Room 10-52 70.5 41.7 1130 0 0 0 20.9 0 None 25/1/17 Boys Locker Room 10-55 71.1 45.3 10-44 0 0 0 20.8 0 25/1/17 Sympasium B 10-57 73.9 42.5 10-45 0 0 0 20.9 1 Closed 25/1/17 Room D213 11-45 69.2 50.6 15-44 0 0 0 20.9 1 Closed 25/1/17 Room D213 11-47 70.4 55.2 2212 0 0 0 20.9 1 Closed 25/1/17 Room D209 11-50 71.3 47.9 1785 0 0 0 20.9 0 Closed 25/1/17 Room D209 11-50 71.3 47.9 1785 0 0 0 20.9 0 Closed 25/1/17 Room D207 11-55 70.6 51.9 1392 0 0 0 20.9 0 Closed 25/1/17 Room D205 11-55 70.6 51.9 1392 0 0 0 20.9 0 Closed 25/1/17 Room D205 11-55 70.6 51.9 1392 0 0 0 20.9 0 Closed 25/1/17 Room D205 11-55 70.6 51.9 1392 0 0 0 20.9 0 Closed 25/1/17 Room D206 12-00 71.5 51.1 1782 0 0 0 20.9 0 Closed 25/1/17 Room D206 12-00 71.5 51.1 1782 0 0 0 20.9 0 Closed 25/1/17 Room D206 12-00 71.5 51.1 1782 0 0 0 20.8 0 Closed 25/1/17 Room D206 12-00 71.5 51.1 1782 0 0 0 20.8 0 Closed 25/1/17 Room D206 12-00 71.5 51.1 1782 0 0 0 20.8 0 Closed 25/1/17 Room D206 12-00 71.5 51.1 1782 0 0 0 20.8 0 Closed 25/1/17 Room D206 12-00 71.5 51.1 1782 0 0 0 20.8 0 Closed 25/1/17 Room D206 12-00 71.5 51.1 71.5 51.1 71.5 51.1 71.5 51.1 71.5 51.1 71.5 51.1 71 | | | | | | | | | | | | | | Fire water strings suffice tiles |
| 3/1/17 Room G101 10.44 74.6 47.9 1975 0 0.1 0 20.8 20/1 Closed Scherce lebraratory dreinage Tank in corner, six water stained celling fles, three houseplants | | | | | | | | | | | | | | |
| 1/1/1 Cymnasium A 10.49 76 39.8 1133 0 0 0 20.9 0 None | | | | | | | | | | | | | | |
| 3/1/17 Weight Raom 10:52 70:5 41.7 11:30 0 0 0 20:9 0 Closed | 3/1/17 | Koom G101 | 10:44 | 74.6 | 47.9 | 1975 | | 0.1 | 0 | 20.8 | | 20/1 | Closed | Science (aboratory drainage Tank in corner, six water stained ceiling tiles, three houseplants |
| 3/1/17 Weight Raom 10:52 70:5 41.7 11:30 0 0 0 20:9 0 Closed | | . <u> </u> | | | | | | | | | | | · | |
| String Boys Locker Room 10:85 71.1 48.5 104.4 0 0 0 20.8 0 Nona | | | | | | | | .0 | | | | . 0 | d | |
| Military Symmatume 1057 738 42.8 1046 0 0 0 20.9 0 None | | | | | | | 0 : | 0 | 0 | | | 0 | Closed | |
| 3/1/17 Gymmasium B 10:57 73:8 42.8 10:45 0 0 0 0 20:8 0 None | 3/1/17 | Boys Locker Room | | 71.1 | | | 0 : | 0 | 0 | 20.8 | | 0 | 1 | |
| Miles Mile | 3/1/17 | Gymnasium B | 10:57 | 73.9 | 42.8 | 1045 | 6 | 0 | D | 20.9 | | 0 | None | The second secon |
| NBMINDERS 1145 69,2 50,6 1544 0 0 0 20,9 1 Closed | | | | | | | | 0 | 0 | | | 1 | | NI THERET M. AND AND INC. CO. AND AND INC. CO. M. P. LAMBERS M. COLOR MANDERS AND INC. CO. CO. CO. CO. CO. CO. CO. CO. CO. C |
| Strip Stri | | | | 1 | | | | | | † | | | † | Commendation and the description of the testing of |
| SAINT Room D213 | | Room D215 | 11-45 | 60.2 | 50.6 | 1544 | 6 ' | 0 | . в | 20.0 | | 1 | Closed | |
| SYINT Room D201 11:49 70.3 47.5 1210 0 0 0 20.9 0 Closed | | | | | | | | | | | | | | to the Market of Market to the latest december 15 consecutables control of the co |
| 3/1/17 Room D209 11.50 71.3 47.9 1785 0 0 20.9 0 Closed 3/1/17 Room D207 11.53 70.6 52.5 1724 0 0 0 20.9 0 One slightly open 3/1/17 Room D205 11.55 70.8 51.9 1382 0 0 0 20.9 0 Two slightly open 3/1/17 Room D203 11.57 71 60.8 1649 0 0 0 20.9 0 Closed 3/1/17 Room D202 11.59 71.2 61.8 1924 0 0 0 20.9 0 Closed 3/1/17 Room D206 12.00 71.5 51.1 1782 0 0 0 20.9 0 Closed 3/1/17 Room D208 12.02 71.9 49.7 1870 0 0 20.8 0 Closed 3/1/17 Room D208 12.02 71.9 49.7 270 0 0 20.8 0 Closed 3/1/17 Room D209 12.04 72.9 49.1 219 0 0 20.8 0 Closed | | | | | | | | v | | | | | | |
| 3/1/17 Room D207 11:53 70.6 52.5 1724 0 0 0 20.9 0 One slightly open 3/1/17 Room D205 11:57 70.6 51.9 1582 0 0 0 20.9 0 Two slightly open 3/1/17 Room D203 11:57 71 50.8 1649 0 0 0 20.9 0 Closed 3/1/17 Room D202 11:59 71.2 51.8 1924 0 0.7 0 20.9 0 Closed 3/1/17 Room D206 12:00 71.5 51.1 1782 0 0 0 20.8 0 Closed 3/1/17 Room D208 12:02 71.9 49.7 1870 0 0 20.8 0 Closed 3/1/17 Room D210 12:04 72.9 49.7 2190 0 0 20.8 0 Closed | | | | | | | | | | | | | | A 1 1 Tomoria (TE), ALACATE 1 CEPT 1 COLUMN |
| 3/1/17 Room D205 11:55 70.6 51.9 1592 0 0 0 20.9 0 Two slightly open 3/1/17 Room D203 11:57 71 50.8 1649 0 0 20.9 0 Closed 3/1/17 Room D205 11:59 71.2 51.8 1924 0 0.7 0 20.9 0 Closed 3/1/17 Room D206 12:00 71.5 51.1 1782 0 0 0 20.8 0 Glosed 3/1/17 Room D206 12:02 71.9 49.7 1870 0 0 20.8 0 Closed 3/1/17 Room D210 12:04 72.9 49.1 2190 0 0 20.8 0 Closed | | | | | | | | 0 | . 0 | | | 0 | | |
| 3/1/17 Room D203 11:57 7f 50.8 1649 0 0 20.9 0 Closed 3/1/17 Room D202 11:59 71.2 51.8 1924 0 0 20.9 0 Closed 3/1/17 Room D208 12:00 71.5 51.1 1792 0 0 20.8 0 Closed 3/1/17 Room D208 12:02 71.9 49.7 1870 0 0 20.8 0 Closed 3/1/17 Room D210 12:04 72.9 49.1 2190 0 0 20.8 0 Closed | | | | | | | • | . 0 | . 0 | | | 0 | | 1 |
| 31/17 Room D202 11:59 71.2 51.8 1924 0 0.7 0 20.9 0 Closed 51/17 Room D203 12:00 71.5 51.1 1782 0 0 0 0 20.8 0 Closed 71/17 Room D208 12:02 71.9 49.7 1879 0 0 0 0 20.8 0 Closed 71/17 Room D208 12:04 72.9 49.1 1879 0 0 0 0 20.8 0 Closed | 3/1/17 | Room D205 | | | | | | 0 | 0 | | | 0 | Two slightly open | |
| 3/1/17 Room D202 11:59 71.2 51.8 1324 0 0.7 0 20.9 0 Closed 3/1/17 Room D208 12:00 71.5 51.1 1782 0 0 0 0 20.8 0 Closed 3/1/17 Room D208 12:02 71.9 49.7 1870 0 0 0 20.8 0 Closed 3/1/17 Room D208 12:04 72.9 49.1 1870 0 0 0 20.8 0 Closed 3/1/17 Room D210 12:04 72.9 49.1 1870 0 0 0 20.8 0 Closed | 3/1/17 | Room D203 | 11:57 | 71 | 50.8 | 1649 | 0 | C | 0 | 20.9 | | 0 | Closed | |
| 3/1/17 Room D206 12:00 71.5 51.1 1782 0 0 0 0 20.8 0 Closed 3/1/17 Room D208 12:02 71.9 49.7 1870 0 0 0 20.8 0 Closed 3/1/17 Room D210 12:04 72.9 49.1 2190 0 0 0 20.8 0 Closed 3/1/17 Room D210 12:04 72.9 49.1 2190 0 0 0 20.8 0 Closed | | | | | | | 0 | 0.7 | 0 | | | 0 | | |
| 3/1/17 Room D208 12:02 71,9 49,7 1870 0 0 0 20.8 0 Closed 3/1/17 Room D210 12:04 72.9 49,1 2190 0 0 0 20.8 0 Closed | | | | | | | | | 0 | | | T 44 4 4 4 | | |
| 3/1/17 Room D210 12:04 72.9 49.1 2190 0 0 0 20.8 0 Closed | | | | | | | | | | | | | | A CONTRACTOR OF THE CONTRACTOR |
| | | | | | | | - 1 | • | | | | - | | |
| 3/1/17 Koom F2 12:15 73.5 46.9 578 0 0 0 20.8 2 None | | | | | | | - 1 | u . | - | | | - | | |
| | 3/1/17 | Room F2 | 12:15 | 73.5 | 46.9 | 578 | . 0 | C . | D | 20,8 | | 2 | None | 1 |

| Date | Sample Location | Time | Temperature (F) R | elative Humidity (%) | CO2 (ppm) (| CO (ppm) VOC (| opm) H2\$ (ppm |) Dxygen (%) # O | ccupants (Students/Teachers) | Windows | Comments |
|--------|---------------------|---------|-------------------|----------------------|-------------|----------------|----------------|------------------|------------------------------|-------------------|--|
| 3/1/17 | Room F10 | 12:17 | 73.6 | 48.8 | 596 | 0 0 | | 20.8 | 0 | None | TARREST TO THE BOTA APPROXIMATE AND CONTRACT OF TARREST OF THE BOTA OF THE CONTRACT OF THE CON |
| 3/1/17 | Library | 12:19 | 73,6 | 45 | 526 | 0 , 0 | 0 | 20.8 | 10/2 | Closed | |
| 3/1/17 | Room C202 | 12:21 | 71.6 | 45,4 | 499 | 0 0 | 0 | 20,8 | 0 | Closed | |
| 3/1/17 | Room C204 | 12:23 | 72 | 43.1 | 542 | 0 0 | 0 | 20,8 | 0 | Closed | , |
| 3/1/17 | Room C206 | 12:25 | 71.4 | 42.3 | 465 | 0 . 0 | 0 | 20,8 | 0 | Closed | |
| 3/1/17 | Room C208 | 12:28 | 71,1 | 51 | 811 | 0 0 | 0 | 20.7 | 22/1 | Closed | |
| 3/1/17 | Room C209 | 12:31 | 59,5 | 52,5 | 547 | 0 0 | 0 | 20.8 | 0 | Closed | THE PROPERTY OF THE PROPERTY O |
| 3/1/17 | R∞m C211 | 12:33 | 69.1 | 51,3 | 656 | 0 0 | 0 | 20.8 | 0 | Closed | |
| 3/1/17 | Room C207 | 12:35 | 68.2 | 42.6 | 455 | 0 0 | 0 | 20.8 | 0 | Closed | |
| 3/1/17 | Room C205 | 12:37 | 67.9 | 52.5 | 439 | 0 0 | 0 | 20.8 | . 8 | Closed | |
| 3/1/17 | Safety Zone | 12:39 | 68.5 | 52.7 | 526 | 0 . 0 | D. | 20.7 | o · · · | Closed | |
| 3/1/17 | Resource Room C5 | 12:41 | 70.1 | 52.8 | . 573 | 0 0 | 0 | 20.7 | 0 | Closed | |
| 3/1/17 | Room C203 | 12:44 | 70.3 | 48.7 | 577 | 0 0 | 0 | 20.8 | 0 | Closed | |
| 3/1/17 | Room C201 | 12;47 | 71,5 | 47.9 | 882 | 0 0 | D | 20.7 | 1 | Closed | Five houseplants |
| 3/1/17 | Room B202 | 12:50 | 72.7 | 48 | 556 | 0 0 | G | 20.8 | 1 | Closed | |
| 3/1/17 | Room B204 | 12:52 | 73.1 | 47.2 | 550 | 0 0 | 0 | 20,7 | 0 | Closed | THE CONTROL OF THE CO |
| 3/1/17 | Room B206 | 12:56 | 73,2 | 50,9 | 934 | 0 0 | 0 | 20,6 | 12/2 | Closed | |
| 3/1/17 | Room B210 | 13:00 | 73 | 51.1 | 1014 | 0 . 0 | G | 20,5 | 15/1 | Two slightly open | 1 |
| 3/1/17 | Room B212 | 13:03 | 75.5 | 45.4 | 1154 | 0 0 | G | 20.5 | 18/1 | Closed | Dehumidiffer in use |
| 3/1/17 | Room B208 | 12:58 | 73,3 | 49.1 | 888 | 0 0 | | 20.6 | 18/1 | Closed | |
| 3/1/17 | Room B213 | 13:05 | 74.9 | 48.1 | 1100 | 0 0 | | 20.5 | 1 | Closed | and the control of th |
| 3/1/17 | Room B211 | 13:09 | 75,1 | 40.3 | 861 | 0 : 0 | | 20.7 | 10/2 | Closed | Dehumidifier in use, air purifier in use |
| 3/1/17 | Room B209 | 13:11 | 73.6 | 46.3 | 815 | 0 . 0 | | 20.6 | 18/1 | One open | |
| 3/1/17 | Room B207 | . 13:17 | 68.5 | 49.2 | 405 | 0 . 0 | 0 | 20.7 | 0 | Closed | |
| 3/1/17 | Room B205 | 13:22 | 71.5 | 49.2 | 797 | 0 : 0 | | 20.6 | 22/1 | Closed | |
| 3/1/17 | Technical Office | 13:24 | 66.7 | 52.7 | 484 | 0 ; 0 | | 20.7 | 2 | One open | |
| 3/1/17 | Room G102 | 13:35 | 73 | 50.1 | 986 | 0 0. | | 20.5 | 17/1 | Closed | |
| 3/1/17 | Room G104 | 13:38 | 73,4 | 45 | 622 | 0 0. | | 20.6 | | Closed | |
| 3/1/17 | Room G108 | 13:40 | 72.7 | 42.2 | 472 | 0 0 | | 20.7 | Ö | Closed | |
| 3/1/17 | Prep room | 13:43 | 72.5 | 44,8 | 540 | D : Q | | 20.7 | | Closed | |
| 3/1/17 | Room G108 Wood Shop | 13:45 | 71.5 | 45.5 | 524 | 0 0 | | 20.7 | 14/2 | Glosed | |
| 3/1/17 | Room G110 Metals | 13:47 | 70.3 | 46.6 | 446 | 0 2 | | 20.7 | 0 | Clased | |
| 3/1/17 | Room G116 | 13:49 | 69,3 | 47.5 | 404 | 0 7,1 | | 20.7 | D | Closed | Spray paint in use |
| 3/1/17 | Room G109 | 13:52 | 69,9 | 52 | 403 | 0 0 | | 20.7 | | Closed | Spring Pater and |
| 3/1/17 | Room G107 | 13:57 | 70.8 | 48,5 | 535 | 0 0,1 | | 20.6 | D | Closed | |
| 3/1/17 | Room G105 | 14:00 | 72.8 | 47.5 | 603 | 0 1. | | 20.6 | 14/1 | Closed | |
| 3/1/17 | Room G103 | 14:03 | 72.2 | 51.3 | 638 | 0 0 | | 20.6 | 12/1 | Closed | |
| 3/1/17 | Room G101 | 14:07 | 71.4 | 48.5 | 438 | 0 0 | | 20.7 | 0 | Closed | |
| | | | | | | | | | | 1.000 | |
| 3/1/17 | Gymnasium A | 14:13 | 75.2 | 44.5 | 777 | 0 0 | | 20.6 | 60/3 | None | the state of the s |
| 3/1/17 | Gymnasium B | 14:20 | 74 | 42.5 | 498 | 0 0 | | 20,7 | 0 | None | |
| | -7 | | | | | | | | | | |
| 3/1/17 | | | | | | | | ! | | 1 | |
| | Extenor | 14:30 | 60.7 | 75.5 | 383 | | 0 | 20.9 | 0 | | 1 |
| | Exterior | 14:30 | 60.7 | 75.5 | 383 | | 0 | 20,9 | | . | |
| | Exterior | 14:30 | 60.7 | 75.5 | 383 | | | 20,9 | | • | |
| | Extenor | 14:30 | 60.7 | | 383 | | | 20.9 | | • | |
| | Extenor | 14:30 | 60.7 | | 383 | | 0 | 20.9 | | • | |
| | Exterior | 14:30 | 60.7 | | 383 | | | 20,9 | | • | |
| | - Diterior | 14:30 | 60.7 | | 383 | | 0 | 20.9 | | • | |
| | Extends | 14:30 | 60.7 | | 383 | | 0 | 20.9 | | • | |
| | Exercic | 14:30 | 60.7 | | 383 | | 0 | 20.9 | | • | |
| | Extensor . | 14:30 | | | 383 | | 0 | 20.9 | | • | |
| | Extensi | 14:30 | 60.7 | | 383 | | | 20.9 | | • | |
| | | 14:30 | | | 383 | 0 0 | | | | | |
| | | 14:30 | | | 383 | | 0 | 20.9 | | | |
| | Example | 14:30 | | | 383 | 0 0 | | | | | |
| | Extens | 14:30 | | | 353 | 0 0 | c . | | 0 | | |
| | | 14:30 | | | 383 | 0 0 | 0 | | | | |
| | | 14:30 | | | 383 | 0 0 | 0 | | 0 | | |
| | | 14:30 | | | 383 | 0 0 | 0 | | 0 | | |
| | | 14:30 | | | 383 | 0 0 | 0 | | 0 | | |
| | | 14:30 | | | 383 | 0 0 | 0 | | 0 | | |
| | | 14:30 | | | 383 | 0 0 | 0 | | 0 | | |
| | | 14:30 | | | 383 | 0 0 | 0 | | 0 | | |
| | | 14:30 | | | 383 | 0 0 | | | 0 | | |
| | | 14:30 | | | 383 | 0 0 | 0 | | 0 | | |
| | | 14:30 | | | 383 | 0 0 | | | 0 | | |
| | | 14:30 | | | 383 | 0 0 | 0 | | 0 | | |
| | | 14:30 | | | 383 | 0 0 | | | 0 | | |
| | | 14:30 | | | 383 | 0 0 | 0 | | 0 | | |
| | | 14:20 | | | 383 | 0 0 | 0 | | 0 | | |
| | | 14:30 | | | 383 | 0 0 | 0 | | 0 | | |

| Date ming | Sample Location | Time | Temperature | (F) Relative Humidity (% | CO2 (ppm) C | O (ppm) | VOC (ppm) H2 | S (ppm) | Oxygen (%) | Occupants (Stud | lents/Teachers) | Windows | Comments |
|----------------|------------------------------|---------|-------------|--------------------------|-------------|---------|--------------|------------|------------|---------------------------------------|-----------------|-------------------|---|
| ning 3/2/17 | Exterior | 7:46 | 51.4 | 32 | 393 | 0 | 0 | 0 | 20.9 | - | | | Clear and windy |
| | | | | 1 | | | _ | | | | | 200 | |
| /17 | Principal's Office | 7:51 | 69.2 | 44.4 | 516 | 0 : | 0 | 0 | 20.9 | .,, | | Closed | One water stained ceiling tile |
| 2/17 | Main Office | 7:56 | 70.3 | 35,2 | 487 | . 0 | .0 | 0 | 20.9 | | | Closed | Five houseplants |
| 2/17 | Vice Principal's Office | 8:47 | 71,1 | 20,9 | 417 | 0 | 0 | 0 | 20.9 | 0 | | Closed | Air purifier in use |
| 2/17 | Guidance Dept Chair Office | 7:59 | 61 | 27.4 | 412 | 0 | 0 | 0 | 20,9 | . 0 | | Тwa apen | |
| 2/17 | Guidance Counselor Office A | 8:02 | 64.9 | 41.7 | 450 | 0 | 0.1 | 0 | 20.8 | 0 | | Closed | |
| 2/17 | Guidance Counselor Office B | 8:05 | 71.4 | 29.5 | 505 | 0 | 0 | o | 20.8 | 1 | | Closed | |
| 2/17 | Guidance Counselor Office C | 8:08 | 72,1 | 28.3 | 496 | 0 | 0.1 | 0 | 20.9 | 0 | | Closed | Water steined ceiling files 1x1 |
| 2/17 | Guidance Counselor Office D | 8:10 | 72.1 | 30.5 | 465 | D | 0.1 | 0 | 20.9 | 0 | | Closed | |
| 2/17 | Guidance Counselor Office E | 8:13 | 71 | 18.3 | 432 . | D | 0 | ō | 20.9 | | | Опе орел | |
| 2/17 | Guidance Counselor Office F | 8:15 | 70.3 | 31,3 | 422 | n i | o o | o | 20.9 | 0 | | Closed | |
| 2/17 | Guidance Counselor Office G | 8:17 | 71.6 | 31.9 | 459 | | 0.1 | | 20.9 | | | Closed | Dehumidiffer in use |
| 717 | Guidance Counselor Office H | 8:19 | 74.3 | 25.8 | 479 | Ď | 0 | · | 20.9 | 0 | | Clased | Dehumidifier in use, air ionizer in use |
| 717 | Guidance Counselor Office I | 8:22 | 70.6 | 28.8 | 508 | D | 0.1 | ŭ | 20.9 | | | | i Delitricument in use, an ionizer in use |
| | Guidance Counselor Office J | 8:25 | 70.5 | 31.6 | 496 | n | | | | | | One open | |
| /17 | | | | | | | 0.1 | 0 | 20.9 | | | None | <u></u> |
| /17 | Guidance Office File Storage | 8:27 | 72.1 | 38.5 | 788 | 0 | 0.1 | 0 | 20,9 | 0 | | None | |
| /17 | Guidance Telecom Room | 8:39 | 74.7 | 27.8 | 569 | 0 . | 0.1 | 0 | 20.9 | | | None | ! |
| /17 | Guidance Office Reception | 8:41 | 74,6 | 22,9 | 517 | 0 | 0.1 | 0 | 20.9 | | | None | |
| 117 | Guidance Office Storage | 8:43 | 72.6 | 23.9 | 453 | 0 | 0,1 | 0 | 20,9 | 0 | | None | |
| /17 | Guidance Former Waiting Room | 8:45 | 72,7 | 22,8 | 492 | D | 0.1 | 0 | 20,9 | 0 | | Nane | |
| 117 | B Wing Server Room | 8:53 | 66.5 | 16.3 | 434 | D | 0 | 0 | 20.9 | 0 | | Closed | 23 water stained ceiling tiles 1x1 |
| /17 | B Wing Teachers Lounge | 9:00 | 68.3 | 31.9 | 414 | D . | 0.2 | 0 | 20.9 | 0 | | Closed | 9 water stained ceiling tiles |
| 47 | Room B105 | 9:07 | 72.2 | 21.1 | 781 | D | 0.1 | 0 | 20.9 | 15/1 | | Two slightly open | Dehumidifier in use, 12 houseplants, air purifier in use |
| 17 | Room B107 | 9:09 | 68.3 | 17.2 | 408 | n : | 0 | o o | 20.9 | | · | Three open | Dehumidifier in use, seven water stained cailing tiles above drop cailing |
| 17 | Clinic Storage | 9:12 | 70.4 | 27.9 | 452 | n | 0.2 | 0 | 20.9 | | | Closed | |
| 17 | Nurses Office | 9:14 | 69.5 | 22.3 | 449 | D : | 0.2 | | | | | | One exterior exhaust fan |
| | | | | | | | | | 20.9 | 1 | | Closed | Personal heater/ac |
| 17 | Clinic Reception | 9:17 | 70.1 | 26 | 482 | 0 | 0.1 | 0 | 20.9 | 1 | | None | |
| 7 | Room B112 | 9:20 | 75.5 | 27.6 | 1013 | D | 0,4 | 0 | 20.9 | 18/1 | | Two slightly open | Three water stained ceiling tiles above drop ceiling |
| 17 | Room B110 | 9:24 | 74.5 | 26,3 | 1150 | 0 | 0,3 | 0 | 20,9 | 27/1 | I | One slightly open | 5 water stained ceiling tiles above drop ceiling |
| 7 | Room B108 | 9:28 | 71.6 | 21.5 | 706 | D | 0,1 | 0 | 20,9 | 21/1 | ı ! | Two slightly open | 3 water stained ceiling tijes above drop ceiting, uninsulated pipe in corner with water stained tije undernes |
| 17 | Room B106 | 9:32 | 76.2 | 39.6 | 1256 | D | 0.4 | О. | 20,9 | 22/2 | 2 | Clased | One water stained celling tile, exposed pipe in comer with water staining underneath |
| 17 | Room 8104 | 9:37 | 70.1 | 20.3 | 468 | Đ : | 0.2 | 0 | 20.9 | 0 | | Опе орел | Dehumidiffer in use, one water stained ceiling tile by pipe |
| 17 | Room B102 | 9:47 | 72.5 | 24.3 | 523 | 0 | 0.3 | ň | 20,9 | 0 | | One slightly open | 16 water stained ceiling ties 1x1 |
| 47 | Room BS10 | 9:49 | 73.3 | 27.7 | 534 | | 0.3 | ň | 20.9 | ··· o | | None None | TO Mariet Statistics Carting thes 17.1 |
| | | | | | | | | | | | | | |
| 17 | Room C101 | 9:51 | 73.1 | 33.4 | 1515 | 0 | 0.4 | | 20.9 | 22/1 | | Glosed | Extensive water damage to celling above drop celling |
| 17 | Room C103 | 9:53 | 74.8 | 21.1 | 677 | 0 | 0.3 | 0 | 20.9 | 20/1 | | Closed | At least ten water damaged ceiling tiles above drop ceiling |
| 17 | Room C105 | 9:56 | 75.3 | 20.8 | 807 | D | 0.2 | 0 | 20.9 | 18/1 | | Closed | |
| 17 | Room C107 | 9:58 | 74,7 | 30,9 | 833 | 0 : | 0,4 | 0 | 20.9 | 22/1 | | Closed | |
| 17 | Room C109 | 10:00 | 73.1 | 28.7 | 605 | 0 | 0.4 | 0 | 20.9 | 8/1 | | Closed | Two water stained ceiling tiles |
| 17 | Room C111 | 10:02 | 72,5 | 26.7 | 631 | 0 | 0.4 | 0 | 20.9 | 8/5 | | Closed | Water stained light fixture, 13 water stained ceiling tiles |
| 17 | C Wing Office off Art Room | 10:07 | 71.6 | 18.3 | 560 | 0 | 0.2 | 0 | 20.9 | 0 | | None | in continuon de los contratamentes en la sa contrata de la contrata del contrata de la contrata de la contrata del contrata de la contrata del la contrata del la contrata de la contrata del la contrata del la contrata de la contrata del la contr |
| 17 | Room C102 | 10:09 | 73.6 | 18.7 | 587 | Ð | 0.1 | 0 | 20.9 | 23/1 | | Three open | Extramely hot floor tiles in corner office |
| 17 | C Wing Storage Closet | 10:15 | 75.2 | 25.3 | 582 | a i | 0.4 | n | 20.9 | 0 | | None | |
| 17 | Custodial Break Room | . 10:17 | 73,3 | 16,9 | 454 | o i | 0.2 | | 20.9 | | | Closed | The state of the s |
| 17 | Custodial Workshop | | | 19,4 | 446 | | 0.3 | . <u>.</u> | | | | | |
| | | 10:19 | 72,6 | | | u | | U . | 20,9 | - | 1 | Closed | |
| ? | Boiler Room | 10:21 | 71.4 | 28 | 442 | . 0 | 0.4 | | 20,9 | 0 | | Nine open | i Description and a commentation of the commen |
| 7 | Band | 10:25 | 74.8 | 29.7 | 1138 | 0 : | 0.2 | 0 . | 20.9 | 20/1 | · | Closed | : |
| 7 | Music Office | . 10:27 | 74.3 | 35 | 578 | 0 | 0.2 | 0 | 20.9 | 0 | 1 | Closed | |
| 7 | Room F108 | 10:30 | 75.4 | 37.2 | 621 | Đ . | 0.4 | 0 | 20.9 | 0 | | Closed | |
| 7 | C Wing Custodial Closet | 10:34 | 76.9 | 25.2 | 739 | 0 | 0.4 | 0 | 20.9 | 0 | | None | |
| 7 | Faculty Dining | 10:36 | 72.4 | 22.7 | 502 | 0 | 0.3 | 0 | 20.9 | | | Closed | 28 water stained ceiling liles 1x1 |
| 7 | Lecture Room | 10:40 | 74.6 | 30.6 | 724 | 0 | 0.4 | 0 | 20.9 | 4 | | Closed | Four water stained ceiling tiles |
| 7 | Auditorium | 10:43 | 75.5 | 27.6 | 568 | | 0.4 | | 20.9 | · · · · · · · · · · · · · · · · · · · | | None | |
| 7 | Stage | 10:46 | 73.5 | 30.9 | 556 | | 0.4 | | 20.9 | | | None | 24 water stained ceiling tiles above stage, louvers open to exterior directly above ceiling tiles |
| ٠. | | 10346 | ļ 10.0 | 30.8 | | | U.99 | | 20.3 | | | NJN9 | The section opening may appear ender individual obsites axiation analysis appeared mind mas |
| , | A OFF | | | | 4400 | , : | 0.0 | | 80.0 | _ | | Ole | There has an admit |
| 7. | Annex Office | 11:29 | 63.2 | 34.6 | 1122 | 0 | 0.3 | D . | 20.9 | | | Closed | Three houseplants |
| 7 | Annex Entry | 11:31 | 68.8 | 25.5 | 516 | 0 | 0.2 | D | 20.9 | 3 | | Closed | Secretary of the second and a factorise control of the second and |
| 7 | Annex Conference Room | 11:33 | 71.6 | 22,7 | 496 | 0 | 0,2 | 0 | 20,9 | 0 | 1 | Closed | 8 water stained ceiling tiles, one missing, one water stained light fixture |
| 7 | Annex Storage Room | 11:35 | 79 | 17,7 | 454 | 0 | 0,1 | 0 | 20,9 | 0 | 1 | Closed | |
| | | | | | | | | | | | T | | |
| QП | | | | | | · . | | | | | | | |
| 7 | Principal's Office | 11:41 | 73,4 | 24,1 | 532 | 0 | 0.2 | 0 | 20,9 | 0 | | Closed | |
| 7 | Main Office | 11:43 | 73.6 | 22.5 | 537 | n i | 0.2 | o o | 20.9 | 1 | l | One open | |
| | | 11/40 | 10.0 | | | | | v | Ev.5 | | | Oles oben | processors a pagagi consequence accommenda a securitaria de commenda de estado de como contrato de destado de de de de de de estado de destado de de destado de |
| <u>7</u> | Vice Principal's Office | | + | | . <u>.</u> | | | | | | | | A AA 41 5 1 |
| 7 | Guidance Dept Chair Office | 11:45 | 73.4 | 20.8 | 497 | 0 : | 0.1 | 0 | 20.9 | 3 | | Closed | Drafty AC unit in window |
| 7 | Guidance Counselor Office A | 11:46 | 73.6 | 23.8 | 501 | 0 : | 0.2 | 0 | 20.9 | 0 | : 44 | Closed | - 10 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |
| 17 | Guidance Counselor Office B | 11:47 | 74.7 | 22.5 | 501 | 0 . | 0_1 | 0 | 20.9 | 0 | I | Closed | |
| 17 | Guidance Counselor Office C | 11:48 | 75.7 | 20.4 | . 504 | 0 : | 0.1 | D | 20.9 | 0 | 1 | Closed | |
| | | 11:52 | 73.1 | 16.8 | | | | | | | | | |

| Date | Sample Location | Time | | Relative Humidity (%) | | CO (ppm) | VOC (ppm) | H25 (ppm) | | 6) #Occupants (S | tudents/Teachers) | Windows | Comments |
|--------|------------------------------|---------|--------------|-----------------------|------|---------------|-----------|---------------------------------------|------|---------------------------------------|-------------------|-------------------|---|
| 3/2/17 | Guidance Counselor Office E | 11:50 | 74.4 | 12.2 | 468 | 0 | a | 0 | 20.9 | | 0 | One open | |
| 3/2/17 | Guidance Counselor Office F | 11:51 | 73,8 | 19,7 | 453 | 0 | 0,1 | 0 | 20.9 | ···· ··· ·· · · · · · · · · · · · · · | 0 | Closed | |
| 3/2/17 | Guidance Counselor Office G | 11:53 | 75 | 25.6 | 483 | Đ i | 0.2 | 0 | 20,9 | | 0 | Closed | Dehumidifier in use |
| 3/2/17 | Guidance Counselor Office H | 11:55 | 77.1 | 31.6 | 548 | 0 | 0.3 | 0 | 20.9 | | 1 | Closed | Dehumidifier in use, air purifier in use |
| 3/2/17 | Guidance Counselor Office I | 11:58 | 77.6 | 25,4 | 510 | 0 | 0.3 | 0 | 20.9 | | 0 | Closed | \$ restriction with the second control of the |
| 3/2/17 | Guidance Counselor Office J | 12:00 | 76,4 | 23.7 | 491 | 0 | 0.2 | 0 | 20.9 | | G | None | |
| 3/2/17 | Guidance Office File Storage | 12:02 | 76.3 | 30.8 | 574 | 0 | 0.3 | 0 | 20.9 | | 0 | None | 1 to |
| 3/2/17 | Guidance Telecom Room | 12:03 | 75,9 | 22.1 | 604 | 0 | 0,2 | 0 | 20.9 | | Q | None | |
| 3/2/17 | Guidance Office Reception | 12:04 | 76.7 | 20.8 | 528 | 0 | 0.2 | | 20.9 | | 1 | None | Dehumidffer in use |
| 3/2/17 | Guidance Office Storage | 12:07 | 75.4 | 22.3 | 513 | 0 | 0.2 | n | 20.9 | | 0 | None | |
| 3/2/17 | Guidance Former Waiting Room | | 74.8 | 20 | 561 | 0 | 0.1 | | 20.9 | | 0 | None | |
| 3/2/17 | B Wing Server Room | 12:11 | 67.1 | 16.3 | 440 | 0 | 0 | | 20.9 | | 0 | Closed | |
| 3/2/17 | B Wing Teachers Lounge | 12:12 | 75 | 22.9 | 490 | 0 | 0.2 | 0 | 20.9 | | 1 | Closed | |
| 3/2/17 | Room B105 | 12:13 | 75.9 | 27.1 | 1160 | o . | 0.3 | n | 20.9 | | 6/3 | One open | Dehumidifier in use air purifier in use |
| 3/2/17 | Room B107 | 12:18 | 74.2 | 19.3 | 481 | o i | 0.2 | · | 20.9 | | 0 | One open | Dehumidifier in use |
| 3/2/17 | Clinic Storage | 12:29 | 72.5 | 24.3 | 530 | - 0 | 0.1 | · · · · · · · · · · · · · · · · · · · | 20.9 | | 0 | Closed | Energy in the |
| 3/2/17 | Nurses Office | 12:32 | 71.8 | 21.9 | 489 | 0 | 0.1 | 0 | 20.9 | | 1 | Closed | Heater in use |
| 3/2/17 | | 12:34 | 72.6 | 24.5 | 541 | | 0.2 | | 20.9 | | <u>.</u> | | Energy in Use |
| | Clinic Reception | 12:34 | | 17.9 | | | | 0 | | 4 - 4 - 4 - 4 | 1 | None | Debuggianne la constitución de l |
| 3/2/17 | Room B112 | 12:36 | 73.7 74.1 | 25,5 | 740 | | 0.1 | | 20.9 | | 9/1 | Two slightly open | |
| | Room B110 | | \$ | | | 0 | 0,4 | | 20.9 | | | Closed | Dehumidifier in use |
| 3/2/17 | Room B108 | 12:41 | 75.1 | 37.4 | 1132 | 0 | 0.4 | 0 | 20.9 | | 3/1 | Closed | |
| 3/2/17 | Room B106 | 12:43 | 76.6 | 30,8 | 1178 | 0 | 0.4 | 0 | 20.9 | | 1/1 | Closed | |
| 3/2/17 | Room B104 | 12:45 | 73.2 | 14.3 | 493 | 0 | 0.1 | <u>0</u> | 20.9 | | 0 | One wide open | |
| 3/2/17 | Room B102 | 12:50 | 70.4 | 28.5 | 577 | 0 | 0.2 | ٥ | 20.9 | | 4 | Closed | |
| 3/2/17 | Room BS10 | 12:54 | 73.2 | 28.1 | 547 | 0 | 0.3 | 0 | 20.9 | | 0 | None | |
| 3/2/17 | Room C101 | 13:04 | 74.5 | 23,4 | 1043 | 0 | 0.3 | 0 | 20.9 | | 8/1 | Closed | 1 |
| 3/2/17 | Room C103 | 13:06 | 75.2 | 23.7 | 1062 | 0 : | 0.3 | 0 | 20.9 | 2 | 0/1 | Closed | |
| 3/2/17 | Room C105 | 13:08 | 75,5 | 24,6 | 866 | 0 | 0.3 | 0 | 20.9 | 1 | 8/1 | Closed | |
| 3/2/17 | Room C107 | 13:10 | 74.5 | 24.2 | 696 | 0 | 0.4 | 0 | 20.9 | 1 | 8/2 | One slightly open | |
| 3/2/17 | Room C109 | 13:12 | 73,5 | 24,3 | 562 | 0 | 0,3 | 0 | 20.9 | | 0 | Closed | |
| 3/2/17 | Room C111 | 13:14 | 72.8 | 19.4 | 566 | 0 | 0.3 | 0 | 20,9 | | 6/5 | Closed | |
| 3/2/17 | C Wing Office off Art Room | 13:17 | 70.9 | 11.2 | 407 | 0 | 0 | 0 | 20.9 | | 0 | None | |
| 3/2/17 | Room C102 | 13:19 | 71.7 | 15.1 | 564 | 0 | 0 | 0 | 20.9 | | 3/1 | Two slightly open | |
| 3/2/17 | C Wing Storage Closet | 13:21 | 73.4 | 23,6 | 500 | 0 | 0.3 | 0 | 20.9 | | 0 | None | |
| 3/2/17 | Custodial Break Room | 13:24 | 71.8 | 13.8 | 415 | Ð | 0 | 0 | 20,9 | | 1 | Closed | |
| 3/2/17 | Custodial Workshop | 13:26 | 70.7 | 16.6 | 409 | 0 | 0.1 | 0 | 20.9 | | 0 | Closed | |
| 3/2/17 | Boiler Room | 13:28 | 67.4 | 17.9 | 396 | 0 | 0 | 0 | 20.9 | <i></i> | 0 | 9 ореп | |
| 3/2/17 | Band | : 13:30 | 69,4 | 24,9 | 572 | 0 | 0.1 | 0 | 20.9 | 1 | 2/1 | Closed | |
| 3/2/17 | Music Office | 13:32 | 72.1 | 28.8 | 471 | 0 | 0,3 | 0 | 20.9 | | 0 | Closed | |
| 3/2/17 | Room F108 | 13:43 | 72.8 | 19.2 | 488 | 0 | 0.1 | 0 | 20.9 | 1 | 0/1 | Closed | |
| 3/2/17 | C Wing Custodial Closet | | | 1 | | | | | 1 | | 0 | None | |
| 3/2/17 | Faculty Dining | 13:46 | 69.8 | 18.9 | 535 | 0 | 0.1 | 0 | 20.9 | | 0 | Closed | Territoria i interio matrimo e more mine e qui ma e e e e e e e e e e e e e e e e e e |
| 3/2/17 | Lecture Room | 13:54 | 71,2 | 30.4 | 903 | 0 | 0.3 | . 0 | 20,9 | 2 | 3/1 | None | |
| 3/2/17 | Auditorium | 13:56 | 72.4 | 26,6 | 512 | 0 | 0,2 | ō | 20,9 | _ | 0 | None | ! |
| 3/2/17 | Slage | 13:58 | 71,6 | 28,4 | 510 | 0 | 0,2 | 0 | 20.9 | | 0 | None | |
| | | : | | | | | | | † | | | i | |
| 3/2/17 | 2nd Floor D Wing | 14:01 | 71.5 | 22.3 | 1318 | 0 | 0.2 | 0 | 20.9 | | | None | Water stained ceiling tiles throughout |
| 3/2/17 | 2nd Floor F Wing | 14:04 | 72.7 | 21.7 | 852 | 0 | 0.1 | 0 | 20.9 | | | None | Water stained celing tiles throughout |
| 3/2/17 | 2nd Floor B Wing | 14:06 | 72,8 | 20,9 | 569 | 0 | 0,1 | o . | 20.9 | | | None | Water stained ceiling tiles throughout |
| 3/2/17 | 2nd Floor C Wing | 14:08 | 71.1 | 13.3 | 513 | 0 : | 0 | | 20.9 | | , | None | Water stained ceiling tiles throughout |
| 3/2/17 | 1st Floor G Wing | 14:10 | 69.3 | 15.9 | 425 | 0 | ō | o | 20.9 | | | None | Water stained celling tiles throughout |
| 3/2/17 | 1st Roor C Wing | 14:12 | 71.7 | 15.5 | 469 | ····· o · · · | ă | ō | 20.9 | | | None | Water stained celling tiles throughout |
| 3/2/17 | 1st Floor F Wing | 14:14 | 73.5 | 16.1 | 489 | | 0.1 | | 20.9 | · · · · · · · · · · · · · · · · · · · | | None | Water stained celing tiles throughout |
| 3/2/17 | 1st Floor 900 Wing | 14:16 | 69.8 | 23.1 | 475 | 0 | 0.1 | | 20.9 | | | None | Water stained ceiling tiles throughout |
| 3/2/17 | 1st Floor D Wing | 14:18 | 71.2 | 20.6 | 536 | | 0.1 | o | 20.9 | | | None | Water stained celing tiles throughout |
| 3/2/17 | 1st Floor B Wing | 14:22 | 74.1 | 19,9 | 537 | | 0.3 | | 20.9 | 100 | | None | Water stained celling tiles throughout |
| 312111 | ASCHIOL D WILLD | 14,44 | [**, I | 19,9 | 231 | v | 0.3 | V | 20,9 | | | NOTE | stoom denied down mad reported for |
| 3/2/17 | Exterior | 14:30 | 48.5 | 23.7 | 386 | 0 | | 0 | 20,9 | | - | <u> </u> | Clear and windy |