Dwight Elementary Community Meeting on Building Concerns

October 30th, 2018 6:00-7:15 pm

Moderator: Phil Pires
Director of Health: Sands Cleary
Woodard and Curran: Ray Cowan, CIH; William Henderson, CIH; Jeff Hamel
Health Professional- Dr. MacDonald
Executive Director of Operations (FPS)- Tom Cullen
Superintendent of Schools- Dr. Toni Jones
Maintenance Supervisor: Mike Piatt
Evening Custodial Supervisor: Angelus Papageorge

Meeting Structure

1. Introduction of Expert Guests
   1 Minute Introductions
2. Overview of process to date
   Dr. Jones- FPS Steps
   Woodard and Curran- Analysis Information
3. Questions and Answers from the Panel
   Questions Generated by Dwight PTA
4. Questions from the Audience
   Write questions on the notecards which will be handed to the Moderator

Building Reported…

Room 10 has an odor.

Facilities staff were mobilized to follow all protocol checks:

- Room 10 has a split air unit (air conditioning)
- Temperature was set too low causing condensation on the walls, windows, and water dripping from the unit
- AC split-unit was checked and temperature was adjusted
- Dehumidifiers and fans were brought to the classroom in order to start a dry out process
- Classroom was relocated so that staff could continue to search for the source of the odor
- Staff checked for water leaks on the roof, windows, and door areas which could cause stagnation
- An exterior down pipe was repaired which could be causing water to pool outside the classroom
- As a mitigation step all ceiling tiles were removed and replaced with new tiles
- Health Department was notified as the staff could not determine the origination of the odor
- It was determined that the interior walls in the classroom have a burlap type covering which could be the source of the odor
- A painting contractor was called in to mitigate the wall over the weekend and paint it with an odor reducing substance.

When the source of the odor could not be 100% conclusive, a faint odor still existed, the Director of Health recommended that we move forward and contract with a company for an environmental assessment.

FPS hired the company Woodard and Curran with the support from the Director of Health.

Once the assessment was being scheduled, a few more classrooms were noted as concerns by teachers, and those classrooms were added to the assessment list.

The Kindergarten room 17 found what was believed to be surface mold under the AC split-unit in that room. The wall trim was removed, the wall cleaned with Virex disinfectant, and painted

Room 17 was added to the list for the environmental assessment since the teacher was concerned.

FPS Checked to Make Sure that Absenteeism was within Normal Range

2018-2019 Student Absences *Teacher absences were also checked and were within the range of all 11 schools 26-30 absences

Sherman 97.33
Mill Hill 97.30
McKinley 97.02
Osborn 96.94
NSS 96.84
Jennings 96.84
Stratfield 96.82
Dwight 96.78
Riverfield 96.75
Burr 96.68
Holland 96.42

Environmental Assessment

Woodard and Curran's Environmental Assessment

What was done, and how they did it.

Letter Sent Home with a Link to the Report

Air Quality Assessment

Completed Thursday, October 25, 2018

Results were returned today (October 30, 2018)

Final Report will be sent to the community once it is received by FPS.

Air Quality Data

Summary of Bioaerosol Sampling Results for Total Fungal Spores

Timothy Dwight Elementary School

1600 Redding Road, Fairfield, Connecticut

October 25, 2018

Spores/m^3

Spore Type	Outdoor Range	Room 8	Room 10	Room 15	Room 17	Room 20	Room 1	Room 2	Room 6	Room 5	Library Media Center	Men's Room	Women's Room	Boy's Room	Girls Room	Room 19	Room 7
Alternaria	< 13	< 13	< 13	< 13	< 13	13	< 13	< 13	< 13	< 13	< 13	< 13	< 13	< 13	< 13	< 13	< 13
Ascospores	< 13 to 320	< 13	< 13	< 13	< 13	< 13	< 13	< 13	< 13	320	< 13	< 13	< 13	< 13	< 13	< 13	< 13
Basiospores	2,100 to 6,000	590	320	1,000	800	370	270	110	320	1,300	210	53	1,100	270	480	430	800
Cladosporium	< 13 to 320	< 13	< 13	< 13	53	640	2,300	1,500	4,200	< 13	53	53	< 13	110	< 13	160	110
Curvularia	<13 to 27	13	< 13	< 13	< 13	< 13	13	< 13	< 13	< 13	< 13	< 13	< 13	< 13	< 13	< 13	< 13
Penicilium/Aspergillus	<13 to 370	800	< 13	160	53	480	< 13	< 13	1,800	< 13	< 13	1,500	1,400	< 13	110	320	370
Pithomyces	< 13	< 13	< 13	< 13	< 13	< 13	< 13	< 13	27	< 13	< 13	< 13	< 13	< 13	< 13	< 13	< 13
Smuts, Periconia, Myxomycetes	<13 to 130	40	< 13	27	13	< 13	13	< 13	27	27	< 13	80	510	< 13	110	13	27
Background Debris	1+ to 2+	3 +	1 +	2 +	2 +	2+	2+	2+	3+	2+	2+	2+	3+	2+	2+	2+	2+
Total Spores/m^3	2,800 to 6,600	1,400	320	1,200	920	1,500	2,600	1,600	6,300	1,600	270	1,700	3,000	370	690	920	1,300

Extreme Weather Conditions

The school year began with challenging weather conditions and higher humidity than usual, which posed challenges for schools across the region. For example, during the week of September 23, 2018, the humidity readings were 11 degrees above those in 2017 and 17.6 degrees above those in 2016.

September	2016 Temperature	2016 Humidity	2018 Temperature	2018 Humidity
23	75	70	63	60
24	72	34	63	75
25	64	50	66	92
26	64	56	81	82
27	72	67	72	61
28	66	66	64	79
29	66	66	70	83