



20-21 Wagaraw Road – Bldg. 35E, Fair Lawn, NJ 07410
PH (973) 636-9145 /FAX (973) 636-9144
Email: envirovision@optonline.net
NJDOH&SS Lic # 1097

Project No.: 17-452

December 29, 2017

Elmwood Park Public Schools
60 East 53rd Street
Elmwood Park, NJ 07407

Re: Precautionary Indoor Air Quality Evaluation on 12-29-2017 @ Gantner Avenue Elementary School, 199 Roosevelt Avenue, Elmwood Park, NJ 07407

Dear Elmwood Park Public Schools;

As per your request and direction, On Friday December 29th, 2017 EnviroVision Consultants, Inc.'s Environmental Technicians/Specialists performed basic indoor air quality (IAQ) evaluation/measurements at Elmwood Park's Gantner Avenue Elementary School.

The findings presented herein are subject to the limitations indicated at the end of this report.

1. 4-Gas MultiRAE meter was used for continuous exposure monitoring of oxygen, hydrogen sulfide, carbon monoxide and combustible gases. It gives real time measurements and activates alarm signals whenever the exposure exceeds preset limits or oxygen is depleted. On-site reading did not indicate the presence of hydrogen sulfide, carbon monoxide, nor combustible gases and confirmed a normal oxygen concentration (20.9%) throughout several areas of the Gantner Avenue Elementary School. (See attached data sheet). Additionally, our technicians walked throughout all accessible areas of the school including but not limited to; classrooms, corridors, Multi purpose room and offices and observed that the on-site readings did not indicate the presence of hydrogen sulfide, carbon monoxide, nor combustible gases and confirmed a normal oxygen concentration (20.9%)
2. Direct reading of air quality parameter, VOC (Volatile Organic Compounds) was performed via MultiREA plus PID (Photoionization Detector) Organic Vapor Monitor and at no time did the device alarm nor did it indicate levels requiring action or concern (See attached data sheet). Additionally, our technicians walked throughout majority of accessible areas of the school and observed that at no time did the device alarm nor did it indicate levels requiring action or concern for VOCs.

Project No.: 17-452 (Gantner Avenue Elementary School)

OBSERVANCES ON 12-29-2017

- On the day of this evaluation no interior odors indicative of IAQ problems were perceived by our technician throughout the areas of the school during our site evaluation.
- Rooms , corridors, offices, common areas and closets were visually clean.
- No indication of any active leaks of any kind throughout the school.

IN CONCLUSION

Basic on site IAQ screening, analysis and readings did not trigger actionable levels or exceedances for the parameters that were evaluated on Friday, December 29, 2017.

Based upon our findings, and all testing performed, EnviroVision knows of no reason that the school should be deemed unsafe. In the schools present state, EnviroVision recommends continued occupancy.


LIMITATIONS

The observations described in this report were made under the conditions stated therein. The conclusions presented in the report were based solely upon the services described therein, and not on scientific tasks or procedures beyond the scope of described services. Conclusions contained in this report are based on limited environmental testing, and were arrived at in accordance with generally accepted IAQ standards parameters that with immediate result availability. The testing conducted at the site was limited in scope, and cannot be considered representative of areas not tested, nor of time periods other than during the testing period.

Specific to this type of work; EnviroVision is a State of NJ Department of Health & Senior Services Indoor Environmental Consultant License Number: 1097.

If you have any questions, or if we could be of any further assistance, please feel free to contact our office. EnviroVision looks forward to providing you with the service and attention to detail that you have come to expect from us.

Sincerely,
EnviroVision Consultants, Inc.


December 29, 2017

Frederick Larson, Vice President

Attached: MultiRAE 4-gas, and PID measurements, IEHA certificate



Environmental
& Remediation &
Management, Inc.

Limited IAQ Testing/Measurements

Client: Elmwood Park Public Schools
60 E 53rd street
Elmwood Park, NJ 07407

Proj. No. 1071-026
17-452

Site: Gantner Avenue Elementary School
99 Roosevelt avenue
Elmwood Park, NJ 07407

Location in Building (s): Through Cut Facility

Technician: Steven Audenried Date: December 29, 2017

Sampling Devices Used: Multi Raе Plus, Q Raе 4 gas meter

4 Gas

PID

TIME	O2 %	LEL	CO	H2S	VO/PPM	Location
						Outside/ Fresh Air
953-956 Am	20.9	0	0	0	0.0	Classroom 8
956-1000 Am	20.9	0	0	0	0.0	Boys Room near Rm 8
1000-1002 Am	20.9	0	0	0	0.0	Girls Room near Rm 8
1003-1005 Am	20.9	0	0	0	0.0	Classroom 7
1005-1007 Am	20.9	0	0	0	0.0	Classroom 6
1007-1009 Am	20.9	0	0	0	0.0	Classroom 5
1009-1012 Am	20.9	0	0	0	0.0	Classroom 4
1014-1016 Am	20.9	0	0	0	0.0	Library
1017-1020 Am	20.9	0	0	0	0.0	Classroom 26
1021-1024 Am	20.9	0	0	0	0.0	Classroom 25
1025-1026 Am	20.9	0	0	0	0.0	Girls Room near Rm 23

O2 – Oxygen, LEL- Lower Explosive Limit, CO – Carbon Monoxide,
H2S-Hydrogen Sulfide, VO – Volatile Organics, PPM - parts per million

Indoor Temperature: 68-72

Outdoor Temperature: 15°

Indoor Humidity: _____

Outdoor Humidity: _____



Environmental
& Remediation &
Management, Inc.

Limited IAQ Testing/Measurements

Client: Elmwood Park Public Schools
60 E 53rd street
Elmwood Park, NJ 07407

Proj. No. 1071-026
17-452

Site: Gantner Avenue Elementary School
99 Roosevelt avenue
Elmwood Park, NJ 07407

Location in Building (s): Through Out facility

Technician: Steven Ackenried Date: December 29, 2017

Sampling Devices Used: MultiRae Plus, QRAE 4 gas meter

4 Gas

PID

TIME	O2 %	LEL	CO	H2S	VO/PPM	Location
9:15 Am	20.9	0	0	0	0.0	Outside/ Fresh Air
9:18-920 Am	20.9	0	0	0	0.0	Principals office
9:21-924 Am	20.9	0	0	0	1.0	Classroom 11
9:24-926 Am	20.9	0	0	0	0.0	Classroom 1
9:27-930 Am	20.9	0	0	0	0.0	Classroom 2
9:30-933 Am	20.9	0	0	0	0.0	Nurse
9:33-935 Am	20.9	0	0	0	0.0	Boiler Room
9:36-938 Am	20.9	0	0	0	0.0	Classroom 10
9:39-941 Am	20.9	0	0	0	0.0	Counselors Room
9:42-945 Am	20.9	0	0	0	0.0	Classroom 9
9:45-948 Am	20.9	0	0	0	0.0	Classroom 3
9:49-951 Am	20.9	0	0	0	0.0	Multi Purpose Room

O2 – Oxygen, LEL- Lower Explosive Limit, CO – Carbon Monoxide,
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Limited IAQ Testing/Measurements

Client: Elmwood Park Public Schools
60 E 53rd street
Elmwood Park, NJ 07407

Proj. No. 1071-026
17-452

Site: Gantner Avenue Elementary School
99 Roosevelt avenue
Elmwood Park, NJ 07407

Location in Building (s): Through Gut Facility

Technician: Steven Andersen Date: December 29, 2017

Sampling Devices Used: Multi Rae Plus, Q Rae 4 Gas meter

4 Gas

PID

TIME	O2 %	LEL	CO	H2S	VO/PPM	Location
						Outside/ Fresh Air
1026-1029 AM	20.9	0	0	0	0.0	Boys Rm near Rm 25
1030-1033 AM	20.9	0	0	0	0.0	Classroom 28
1034-1036 AM	20.9	0	0	0	0.0	Classroom 24
1036-1038 AM	20.9	0	0	0	0.0	Classroom 29
1038-1041 AM	20.9	0	0	0	0.0	Classroom 23
1042-1045 AM	20.9	0	0	0	0.0	Classroom 30
1046-1048 AM	20.9	0	0	0	0.0	Classroom 22
1048-1050 AM	20.9	0	0	0	0.0	Classroom 21
1052-1053 AM	20.9	0	0	0	0.0	Classroom 20
1058-1100 AM	20.9	0	0	0	0.0	Main office
1103-1105 AM	20.9	0	0	0	0.0	Outside near main ent.

O2 – Oxygen, LEL- Lower Explosive Limit, CO – Carbon Monoxide,
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Indoor Temperature: 68-72°

Outdoor Temperature: 15°

Indoor Humidity: _____

Outdoor Humidity: _____

New Jersey Department of Health

Having met the requirements of N.J.A.C. 8:50

Envirovision Consultants, Inc

20-21 Wagaraw Road Bldg 35e, Fair Lawn, NJ 07410-

License Number: 1097

is licensed as an Indoor Environmental Consultant to conduct Indoor Environmental Health Assessments of Child Care Centers and Educational Facilities in New Jersey.

02/08/17

Issue Date

12/06/18

Expiration Date

Christina Tan

Christina Tan, MD, MPH, Assistant Commissioner
Division of Epidemiology, Environmental and Occupational Health
This license is non-transferable and only valid for the licensee as indicated above.