



October 9, 2017

Mr. Timothy McFerren, Sr.
Director of Facilities
Haddonfield Public Schools
1 Lincoln Avenue
Haddonfield, NJ 08033

**RE: Indoor Air Quality Dust Monitoring, Exterior Building Renovations
Tatem Elementary School
Project No: 17-3222**

Dear Mr. McFerren:

Epic Environmental Services performed air monitoring services at the Tatem Elementary School on October 5, 2017. The purpose of the monitoring was to assess interior airborne dust levels during exterior building wall replacement currently being completed at the school.

Dust from exterior demolition was observed in classrooms adjacent to the demolition areas (208 and 308). Two samples for total nuisance dust (plus one blank) were collected on October 5, 2017 in the above rooms. Outdoor demolition activities included heavy equipment operation and welding. Classroom windows were open during the sampling.

General Observations

- No demolition debris was visible inside the occupied areas of the school.
- The contractor has placed plastic barriers inside the school for dust control.
- Classrooms adjacent to the exterior work areas are unoccupied, and doors are kept closed and sealed to prevent any potential dust migration to occupied areas of the school.
- The exterior work areas are kept clean.
- Dust control precautions, including “smoke eaters”, were being implemented.

Total Dust Monitoring – Tatem Elementary School

Air samples for total dust were collected in selected areas throughout the school. Results were compared to the ACGIH Nuisance Dust Limit of 5 mg/m³.

October 5, 2017

Sample Location	Sample Results
Room 208	< 0.42 mg/m ³
Room 308	< 0.43 mg/m ³

All sample results were well below the limit of 5 mg/ m³.

Conclusions and Recommendations

- Airborne dust levels were well below acceptable levels.
- Assure that safety measures currently in place remain in use until the end of the project.
- No further action is recommended at this time.

Please feel free to call me at 856-205-1077 should you have any questions.

An invoice for the completed project is enclosed.

Regards,



James Eberts
President
Epic Environmental Services, LLC



EMSL Analytical - Industrial Hygiene

200 Route 130 North, Cinnaminson, NJ 08077

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IndustrialHygienelab@emsl.com

EMSL Order:	281704042
CustomerID:	EPIC62
CustomerPO:	17-3222
ProjectID:	Haddon Twp BOE

Attn: **Jim Eberts**
Epic Environmental Services, LLC
1930 Brown Road
Newfield, NJ 08344

Phone: (856) 205-1077
 Fax: (856) 205-0413
 Received: 10/05/17 12:55 PM
 Analysis Date: 10/6/2017
 Collected: 10/5/2017

Project: Haddonfield BOE - Tatem ES Construction IAQ

Test Report: Total Dust Analysis (Gravimetric) of Air Samples via NIOSH 0500, Issue 2, 8/15/94

Sample	Location	Volume (L)	Sample Weight (mg)	Concentration (mg/m ³)	Reporting Limit (mg/m ³)	Notes
TES-01 281704042-0001	Room #208	120	<0.050	<0.42	0.42	
TES-02 281704042-0002	Room #308	116	<0.050	<0.43	0.43	
TES-03 281704042-0003	Field Blank		<0.050	N/A	N/A	Field Blank

Notes: Discernable field blank submitted with samples.
 Results are not field blank corrected.

Analyst(s)

Katherine Foster (3)

Scott Van Etten, CIH, Laboratory Manager
or other approved signatory

The laboratory is not responsible for data reported in mg/m³, which is dependent on volume collected by non-laboratory personnel. Reporting limits for samples without volumes, such as Field Blanks, are 0.05 mg. This report relates only to the samples reported above. This report may not be reproduced, except in full, without written approval by EMSL. Samples received in good condition unless otherwise noted.

Samples analyzed by EMSL Analytical - Industrial Hygiene Cinnaminson, NJ

Initial report from 10/06/2017 10:31:30