



April 23, 2025

Mr. Mark Bish
Director of Buildings and Grounds
Long Beach Consolidated School District
200 South Barnegat Avenue
Surf City, NJ 08008

Re: Thermal System Insulation (TSI) Fitting and VAT and Mastic Removal
Asbestos Abatement Monitoring Report
Ethel Jacobsen Elementary School

RJB Project #: 2025021-01

Dear Mr. Bish:

RJB Environmental, Inc., (RJB) was contracted by the Long Beach Island Consolidated School District to design a project bid document, provide project air monitoring and prepare close-out documentation for asbestos abatement. The work encompassed the removal of nineteen (19) fittings off fiberglass pipe insulation as well as the removal of an estimated 895 square feet of asbestos containing floor tile and the associated mastic from Supply Rooms S-1 and S-2 and the adjacent mechanical space within the Ethel Jacobsen Elementary School. The successful Contractor awarded this project was Bristol Environmental, Inc. (BEI) of Bristol, PA (NJDOL License # 00509). The project monitoring was conducted by RJB's Asbestos Safety Technician (AST), Ms. Lydia Ramos-Negron (AST # 01455), from April 21, 2025, through final breakdown by BEI on April 23, 2025.

The project was performed outside of the requirements of N.J.A.C. 5:23-8.17. All required notifications were made, inclusive of the ten (10) day Contractor notification to Federal and State Agencies, inclusive of the Department of Health waiver for non-friable floor tile and mastic removal.

The thermal system insulation removal was completed via glove bag methodology within a limited enclosure in the mechanical room, as mandated by the project Specifications. The Contractor erected single layers of six (6) mil, fire retardant polyethylene sheeting as a tent enclosure in the equipment room to isolate the abatement area from the remainder of the building. The remainder of the fitting insulation were removed within the floor tile/mastic negative pressured containments in storage rooms S-1 & S-2. The asbestos containing materials (ACM) as well as the fiberglass insulation necessary within each of the enclosures, were abated through the employment of wet abatement methods employing the glove bag technique in accordance with the project's bid documents and the State of New Jersey's

Service with experience, integrity and value

P.O. Box 869, Levittown, PA 19058

Website: www.rjbenvironmental.com | Phone: 267-991-9212 | Fax: 267-799-4443

regulations. A three (3) stage decontamination unit was erected at the hallway door to the storage room.

The remainder of the work within the two (2) storage rooms (S-1 and S-2), involved the removal of asbestos containing vinyl asbestos floor tile (VAT) and associated mastic. The vinyl floor tile was removed under the Resilient Floor Covering Institute's (RFCI's) requirements through employment of a heat machine, and the mastic was removed using an aqueous mastic remover. Work was completed under general isolation which included flaps on the entry doors as well as the incorporation of a three-stage decontamination unit, critical barriers as warranted, two-foot (2') high slop barriers on the walls and negative air filtration during its removal through the employment of High Efficiency Particulate Air (HEPA) filter equipped Air Filtration Devices (AFDs which were vented outside of the building through the boy's bathroom window.

RJB's services, beyond the design of the project documents and bid administration, consisted of the oversight of all aspects of the asbestos removal, chronologically documenting project activities in a set of project logs. RJB collected perimeter air samples to ensure that the engineering controls put into place continued to be effective throughout the abatement activities. Perimeter air monitoring during the active asbestos removal included the collection and analysis of air samples at locations adjacent the negative pressured enclosure, outside the tent enclosure and general isolation enclosures and within the decontamination unit clean room. Samples were collected and analyzed every two to three (2-3) hours of collection via NIOSH 7400, Phase Contrast Microscopy (PCM) methodology. This analysis was performed by a NIOSH 582 accredited analyst. Ambient fiber concentrations throughout the asbestos removal project were less than 0.01 f/cc. RJB collected a set of five (5) PCM final air samples within the general isolation area as well as three (3) PCM final air samples within the small tent enclosure area. All of the final air results revealed concentrations less than 0.01 fibers per cubic centimeter of air (<0.01 f/cc) in accordance with NIOSH 7400, PCM methodology and State of New Jersey clearance criteria.

Copies of the daily logs and perimeter and final air sample results have been appended to this report. Should you have any questions, feel free to contact our offices.

Respectfully,
RJB ENVIRONMENTAL, INC.



Richard J. Beach
President

Company:\Projects\Clients\LBI Consolidated School District\2025021-01\042325fgr01

Appendix 1

Sample Chain of Custody Records and Analytical Results

Service with experience, integrity and value

P.O. Box 869, Levittown, PA 19058

Website: www.rjbenv.com | Phone: 267-991-9212 | Fax: 267-799-4443

Phase Contrast Air Sample Collection Form

Client: LBI Consolidate School District	Sampled By: <i>Lydia Ramos-Negron</i>	Date: <i>04/12/2025</i>
Project #: 2025021-01	Released To:	Date:
Project Name: ACM Flooring/Fitting Abatement	Analyzed By: <i>Lydia Ramos-Negron</i>	Date: <i>04/12/2025</i>
Building/Location: Ethel Jacobsen School/	Turn Around Time	☒ On-site ☐ 6 Hours ☐ 24 Hours ☐ 48 Hours

Sample #	Location/Employee Name	Sample Type	Start Time	Stop Time	Total Time	Flow Rate B E A	Sample Volume	Fibers/ Fields	Result
01UN042125	Electrical Room Tent Left	F	1002	1202	120	10 10 10	1200	0/100	LO.002
02UN042125	Electrical Room Tent Middle	F	1002	1202	120	10 10 10	1200	4/100	LO.002
03UN042125	Electrical Room Tent Right	F	1002	1202	120	10 10 10	1200	6/100	LO.002
04UN042125	Clean Room	P	1227	1430	123	10 10 10	1230	1/100	LO.002
05UN042125	Hall and Bathrooms	P	1227	1430	123	10 10 10	1230	0/100	LO.002
06UN042125	Electrical Room Door	P	1230	1433	123	10 10 10	1230	2/100	LO.002
07UN042125	Field	B	—	—	—	—	—	0/100	—
08UN042125	Sealed	B	—	—	—	—	—	0/100	—
A: Ambient, P: Perimeter, C/R: Clean Room, E: AFD Exhaust, W/A: Inside Work Area, UW: Upwind, DW: Downwind, F: Final Air Test, O: OSHA Sample, B: Blank									



P.O. Box 869
 Levittown, PA 19055
 Phone: 267-991-9212
 Fax: 267-799-4443

Phase Contrast Air Sample Collection Form

Client: LBI Consolidate School District

Project #: 2025021-01

Project Name: ACM Flooring/Fitting Abatement

Building/Location: Ethel Jacobsen School/

Sampled By: *Lynia Ramos-Negron*

Released To:

Analyzed By: *Stephen Ramos-Negron*

Turn Around Time

☒ On-site

☐ 6 Hours

☐ 24 Hours

☐ 48 Hours

Date: *04/22/2025*

Date:

Date: *04/22/2025*

Sample #	Location/Employee Name	Sample Type	Start Time	Stop Time	Total Time	Flow Rate B E A	Sample Volume	Fibers/ Fields	Result
<i>04/22/2025</i>	<i>Clean Room</i>	<i>P</i>	<i>0745</i>	<i>1021</i>	<i>156</i>	<i>10 10 10</i>	<i>1540</i>	<i>6/100</i>	<i>LO.002</i>
<i>04/22/2025</i>	<i>Hall adj. bathrooms</i>	<i>P</i>	<i>0745</i>	<i>1022</i>	<i>157</i>	<i>10 10 10</i>	<i>1570</i>	<i>0/100</i>	<i>LO.002</i>
<i>04/22/2025</i>	<i>Glec Room Door</i>	<i>P</i>	<i>0750</i>	<i>1025</i>	<i>155</i>	<i>10 10 10</i>	<i>1550</i>	<i>10/100</i>	<i>LO.003</i>
<i>04/22/2025</i>	<i>Clean Room</i>	<i>P</i>	<i>1130</i>	<i>1330</i>	<i>120</i>	<i>10 10 10</i>	<i>1200</i>	<i>0/100</i>	<i>LO.002</i>
<i>04/22/2025</i>	<i>Hall adj. bathrooms</i>	<i>P</i>	<i>1130</i>	<i>1330</i>	<i>120</i>	<i>10 10 10</i>	<i>1200</i>	<i>0/100</i>	<i>LO.002</i>
<i>04/22/2025</i>	<i>Glec Room Door</i>	<i>P</i>	<i>1133</i>	<i>1333</i>	<i>120</i>	<i>10 10 10</i>	<i>1200</i>	<i>2/100</i>	<i>LO.002</i>
<i>04/22/2025</i>	<i>Field</i>	<i>B</i>	<i>—</i>	<i>—</i>	<i>—</i>	<i>1 1 1</i>	<i>—</i>	<i>0/100</i>	<i>—</i>
<i>04/22/2025</i>	<i>Sealed</i>	<i>B</i>	<i>—</i>	<i>—</i>	<i>—</i>	<i>1 1 1</i>	<i>—</i>	<i>0/100</i>	<i>—</i>
A: Ambient, P: Perimeter, C/R: Clean Room, E: AFD Exhaust, W/A: Inside Work Area, UW: Upwind, DW: Downwind, F: Final Air Test, O: OSHA Sample, B: Blank									



RJB ENVIRONMENTAL, INC.

P.O. Box 869

Levittown, PA 19055

Phone: 267-991-9212

Fax: 267-799-4443

Phase Contrast Air Sample Collection Form

Client: LBI Consolidate School District	Sampled By: <i>Lydla Kames-Vegon</i>	Date: <i>04/23/2025</i>
Project #: 2025021-01	Released To:	Date:
Project Name: ACM Flooring/Fitting Abatement	Analyzed By: <i>Lydla Kames-Vegon</i>	Date: <i>04/23/2025</i>
Building/Location: Ethel Jacobsen School/	Turn Around Time	☒ On-site ☐ 6 Hours ☐ 24 Hours ☐ 48 Hours

Sample #	Location/Employee Name	Sample Type	Start Time	Stop Time	Total Time	Flow Rate			Sample Volume	Fibers/Fields	Result
						B	E	A			
01UN042325	Clean Room	P	0720	0931	131	10	10	10	1310	1/100	LO.002
02UN042325	Hall adj. bathrooms	P	0721	0931	130	10	10	10	1300	1/100	LO.002
03UN042325	Elec Room Door	P	0723	0935	132	10	10	10	1320	2/100	LO.002
04UN042325	Big Room Front	F	0947	1107	80	15	15	15	1200	0/100	LO.002
05UN042325	Big Room Center	F	0947	1107	80	15	15	15	1200	0/100	LO.002
06UN042325	Big Room Back	F	0947	1107	80	15	15	15	1200	0/100	LO.002
07UN042325	Small Room Doorway	F	0948	1108	80	15	15	15	1200	1/100	LO.002
08UN042325	Small Room Back	F	0948	1108	80	15	15	15	1200	0/100	LO.002
09UN042325	Field	B	—	—	—	—	—	—	—	0/100	—
10UN042325	Sealed	B	—	—	—	—	—	—	—	0/100	—
A: Ambient, P: Perimeter, C/R: Clean Room, E: AFD Exhaust, W/A: Inside Work Area, UW: Upwind, DW: Downwind, F: Final Air Test, O: OSHA Sample, B: Blank											



P.O. Box 869
 Levittown, PA 19055
 Phone: 267-991-9212
 Fax: 267-799-4443

Appendix 2

Daily Log Notes

Service with experience, integrity and value

P.O. Box 869, Levittown, PA 19058

Website: www.rjbenv.com | Phone: 267-991-9212 | Fax: 267-799-4443

Daily Project Log

Client: LBI Consolidated School District	Date: 04/21/2025
Project #: 2025021-01	Technician: Lydia Ramos-Negron
Project Name: ACM Flooring/Fitting Abatement	Building/Location: Ethel Jacobsen School/

Time	Activity		
0700	RJB arrives on site w/ PM, going over scope of work w/ site contact, Mark; contractor not yet on site.		
0715	Contractor arrives on site, begins mobilizing, goal is to start w/ electrical room fittings.		
0830	PM leaves site, crew continuing mobilization (DEI #02121)		
Type	Name	Lic No.	Exp Date
SPVSR	Jaime Lopez	33310	02/18/2026
SPVSR	Roberto Chacon	601059	10/12/2025
work	Ybar Campos-Salazar	36472	05/02/2025
work	Alicia Salazar	36401	07/13/2025
0900	Crew has hooked up heat machines & is building enclosure for glove bag remain in electrical room. 3-stage plecon bag has been erected in hallway.		
1000	Crew putting on last glove bag in tent in electrical room. Containment is a tent which excludes everything except the fitting to be removed, w/ a flagged entrance w/ caution signs. Trap exhausting out through nearby double doors. RJB starting final intent, crew begins glove bag removal. RJB notes that much of the floor tile in the other rooms is already in a broken/loosened state. Crew putting up splash guards & criticals in other rooms.		
1045	Crew has finished glove bag in tent, crew continuing to put up splash guards & criticals. Traps ~~is~~ are setup to exhaust out of nearby boy's bathroom window.		
1130	Crew breaks for lunch, SPVSR continues working, putting criticals on speakers & covering lights		
1230	Crew begins tile removal, in Containment has rear door critical'd, vents & penetrations critical'd. Rear door flaps into electrical room have been sealed. RJB informs SPVSR that ~~the~~ test passed, & he disconnects AFD.		



RJB ENVIRONMENTAL, INC.

P.O. Box 869
Levittown, PA 19055
Phone: 267-991-9212
Fax: 267-799-4443

Daily Project Log

Client: LBI Consolidated School District

Date: 04/21/2024 (cont)

Project #: 2025021-01

Technician: Lydia Ramos-Negron

Project Name: ACM Flooring/Fitting Abatement

Building/Location: Ethel Jacobsen School/

Time	Activity
1245	RJB reminds crew that tile is not to be broken more than it already is. Crew states that tile is breaking after sufficient heating. RJB contacts PM, who tells them to heat it longer. After some testing, 500° of heat for around 10 minutes seems to be sufficient.
1300	Crew continues tile removal.
1430	Crew continues tile removal.
1500	Crew cleaning up for the day.
1530	RJB leaves site - Crew Exercise complete.



R|B ENVIRONMENTAL, INC.

P.O. Box 869
Levittown, PA 19055
Phone: 267-991-9212
Fax: 267-799-4443

Daily Project Log

Client: LBI Consolidated School District

Date: 04/22/2025

Project #: 2025021-01

Technician: Lydia Ramos-Negron

Project Name: ACM Flooring/Fitting Abatement

Building/Location: Ethel Jacobsen School/

Time	Activity		
0700	ROB arrives on site, waiting for BEI		
0715	BEI arrives on site, getting ready to begin work		
Type	Name	Lic No.	Exp Date
SRVSR	Jaime Lopez	33310	02/18/2026
SRVSR	Roberto Chacon	601869	10/12/2025
Work	Ybar Camras Salazar	36442	05/02/2025
Work	Alicia Salazar	36401	07/13/2025
0745	Crew resuming tile removal. ROB reminds crew that tiles are not to be broken		
0830	Crew continues tile removal, starting glovebag removal.		
0930	Glovebag removal complete, tile removal continues.		
1030	Tile removal complete, starting mastic.		
1130 - 1200	Crew breaks for lunch, then resumes mastic removal.		
1300	Continuing mastic removal.		
1400	Continuing mastic removal.		
1500	Crew cleaning up for the day, mastic ~90% done.		
1530	ROB leaves site w/ crew. Exercise complete.		



RJB ENVIRONMENTAL, INC.

P.O. Box 869

Levittown, PA 19055

Phone: 267-991-9212

Fax: 267-799-4443

Daily Project Log

Client: LBI Consolidated School District

Date: 04/23/2025

Project #: 2025021-01

Technician: Lydia Ramos-Negron

Project Name: ACM Flooring/Fitting Abatement

Building/Location: Ethel Jacobsen School/

Time	Activity		
0715	RJB arrives on site w/crew, who is doing final touchups in containment, estimated to be done around 0900-1000.		
Type	Name	Lic No	Exp Date
SPVSR	Jaime Lopez	33310	07/18/2026
SPVSR	Roberto Chacon	601037	10/12/2025
work	Xbar Camros Salazar	36492	05/02/2025
work	Alicia Salazar	36401	07/13/2025
0815	Continuing mastic removal in big room, starting Envirowash application in small room.		
0910	PM arrives on site to drop off other job file, SPVSR reports he is ready for visual inspection, after Envirowash application in big room.		
0930	RJB finds area to be acceptable, prepares for PCM finals.		
0948	RJB starts PCM finals in work area, crew leaves site.		
1105	RJB pulls PCM finals.		
1130	RJB informs SPVSR that finals passed, crew begins breaking down.		
1230	RJB leaves site w/crew. Exercise complete.		



RIB ENVIRONMENTAL, INC.

P.O. Box 869

Levittown, PA 19055

Phone: 267-991-9212

Fax: 267-799-4443