

228 Moore Street • Philadelphia, Pennsylvania 19148 • Phone 215-755-2305 • Fax 215-755-2405

May 31, 2020

Ms. Jennifer L Gresh  
Duffield Associates  
211 North 13<sup>th</sup> Street; Suite 704  
Philadelphia, Pennsylvania 19107

Re: Asbestos Project Inspection &  
Lead Dust Wipe Sampling  
*At the*  
Lawncrest Recreation Center  
Basement Work Area  
6000 Rising Sun Avenue  
Philadelphia, Pennsylvania  
Synertech Project No. 632-251  
*Requested by:*  
*Duffield Associates*  
*Duffield Associates Project No. 11852EE*

Dear Ms. Gresh:

The following **Final Report** outlines Synertech's services performed on May 06, 2020 through May 22, 2020 for the captioned project. Information is presented in the following order:

- ☒ Asbestos Abatement Project Notification
- ☒ Asbestos Air Sample Results  
*Synertech's Chain of Custody / Air Sample Log*
- ☒ Final Visual and Air Clearance Inspection Report
- ☒ Lead Based Paint Dust Wipe Sampling Laboratory Results
- ☒ Synertech Daily Activity Report(s)

We appreciate this opportunity to provide you with our services. Please review all enclosed documentation. If I can be of any assistance, please contact me at 215-755-2305.

Sincerely,  
*Synertech Incorporated*



Eric Belfi  
Administrative Manager

**Asbestos Abatement Project Notification(s)**

632-251



LOGOUT, JAMES



# Department of Public Health

CITY OF PHILADELPHIA

Navigate to...

## VIEW PERMIT

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Edit my Permit

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**Permit #:** AN20-000348

**Project #:** 20-000990

**Status:** Approved-ASB

**Balance Due:** \$0.00

**Address:** 6000 RISING SUN AVE

**Description:** Glove Bag Removal - 10LF Pipe Insulation In Basement

Permit    Reviews    Documents    Inspections

**Permit #:**

**AN20-000348**

Permit Type:

Asbestos Notification

Sub Type:

Notification

Issue Date:

Expiration Date:

Application Notes:

Project Address:

6000 Rising Sun Ave

Work Schedule

Start Date:

05/06/2020

Completion Date:

05/07/2020

**Hours of Operation**

From:

08:00

AM/PM:start:

AM

To:

04:00

AM/PM:2:

pm

Days of the week

*check all that apply*

*Monday:*

No

*Tuesday:*

No

*Wednesday:*

Yes

*Thursday:*

No

*Friday:*

No


*Saturday:*

No

*Sunday:*

No

*Schedule Comments:*

 *Asbestos Notification Instructions*

*Notification Type:*

Notification Revision Type:

Initial

Facility Type:

Commercial

Does the project involve removal, enclosure, or encapsulation of 40 linear or 80 square feet or more of friable asbestos containing material?:

No

In order to close out the Major Asbestos Project Permit, a notarized copy of the Final Invoice per below regulation is due; City of Philadelphia Asbestos Control Regulation, Section VI E 1.a. (.5), the asbestos contractor or supervisor has submitted an amended permit application for any project changes and evidence of the final. total cost of the asbestos abatement portion of the project, and has paid any incremental permit fees due.

Project Type:

Minor Removal Project

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Type of Operation

Type of Operation:

Renovation

---

Facility Description

Facility Name:

Lawncrest Recreation Center

Facility Owner Name:an:

City of Philadelphia

Facility Owner Address:an:

City of Philadelphia - Department of Public Property City Hall - Room 784 Philadelphia, PA 19107

Facility Contact Name:an:

Dan Harkins

Facility Contact Phone:an:

215-964-0207

Job #:

Present Use:

Commercial

Prior Use:

Commercial

Will the Facility be occupied during the abatement?:

No

Facility Size

Square Feet:

# of Floors:

Age in years:

---

Abatement Contractor:

ASSOCIATED SPECIALTY CONT - ACL-460

Will you be utilizing a Demolition Contractor?:

No

Facility Inspection

(Required for renovation and demolition projects)

Certified Asbestos Investigator:

Inspection Date:

Attach copy of Asbestos Inspection Report (AIR):

Is any material assumed to be asbestos?:

Building is ID and in danger of collapse:

Procedure used to detect the presence of asbestos:

Is any asbestos present?:

Yes

Attach a copy of Asbestos Listing

download template:

ACM Listing - Lawncrest Rec Center Pipe Insulation .pdf

Total Linear Feet of Friable Material:

10

Total Square Feet of Friable Material:

Total Cubic Feet of Friable Material:

Total Linear Feet of Non-Friable Material:

Total Square Feet of Non-Friable Material:

Total Cubic Feet of Non-Friable Material:

A project that includes the demolition of any defined facility is regulated by NESHAP. A renovation project is also regulated by NESHAP when the amounts of friable ACM, or ACM that may be rendered friable, are as follows: 260 LF or 160 sq ft.

Is this project regulated by NESHAP:

[click here for definition of projects that require regulation by NESHAP:](#)

No

Description of work practices and controls:

All work will be performed in accordance with the applicable federal, state and local regulations. Removal of pipe insulation will be done as a friable project utilizing the glovebag method inside mini containment in accordance with Section V.IC.3.

Waste Transporters

Primary Transporter:

Tri State Waste and Recycling -

Secondary Transporter:

Waste Disposal Sites

Primary Landfill:

Tully Town Resource -

**Secondary Landfill:****Air Monitoring Firms****Air Monitoring Firm:**

Synertech -

**Final Clearance Firm:**

Synertech -

**Air Sample Firms****TEM Laboratory:****PCM Laboratory:****If Air Sample Firm cannot be found add a new firm here:****Unexpected asbestos procedures:***All work will stop. The area will be isolated. All cleanup will be performed per applicable federal, state and local guidelines.***Pennsylvania Certifications and Licenses****Contractor:**

ASSOCIATED SPECIALTY CONT - ACL-460

**PA License #:Con:**

C0279A

**Project Designer:****Certification #:PD:****Supervisor:**

Dexter Mangum

**PA License #:S:**

008547

**Certified Statements****BY CLICKING SUBMIT BELOW I CERTIFY THAT:**

- An individual trained in the provisions of 40 CFR PART 61 Subpart M (if applicable) will be on-site during the demolition or renovation.
- That the required training has been accomplished by this person.
- This person will be available for inspection during all working hours.
- All work will be done in accordance with all applicable federal, state and local agency rules and regulations.
- The foregoing statements and the information contained in this application are true.
- This certification is made subject to the penalties set forth in 18 PA C.S. 4904 relating to unsworn falsification to authorities.

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**citi<sub>≡</sub>enserve**

## **Asbestos Air Sample Results**



Project: Lawncrest Rec Center Date: 5/6/20  
 Project Number: 632-25 Rotometer No.: HVR  LVR  
 Laboratory: Synertech Analysis: PCM Phila. Requirements:  YES  NO

**AIR SAMPLE LOG & CHAIN OF CUSTODY**

No.	Location	Code	TIME			CALIBRATION			ANALYTICAL	
			On	Off	Total	Start	Finish	Liters	Laboratory # Fibers/Fields	Results
ADM-05-01 06	Basement work area - Entrance door	2N	0808	1011	173	10	10	1230	overloaded	—
ADM-05-02 06	Basement work area - Center of Room	2N	0808	1011	173	10	10	1230	overloaded	—
ADM-05-03 06	Basement work area - Bathroom door	2N	0810	1011	121	10	10	1210	overloaded	—
ADM-05-04 06	Basement outside w.r.A. Hall entrance	2N	1013	1215	122	10	10	1220	21(w)	0.005
ADM-05-05 06	Basement work area • West side	3N	1221	1422	171	10	10	1210	18.5(w)	0.007
ADM-05-06 06	Basement Work Area • East side	3N	1221	1422	121	10	10	1210	21(w)	0.009
ADM-05-07 06	Field Blank <del>PM West Side</del>	QC	-	-	0	-	-	0	0(w)	—
ADM-05-08 06	<del>Field Blank</del> Sealed	QC	-	-	0	-	-	0	0(w)	—

**Sampling Codes**  
 1 Diagnostic  
 2 Preliminary  
 3 Clearance/Final  
 4 Personnel Work Area  
 5 Environmental Work Area  
 6 Personnel Clean Area  
 7 Environmental Clean Area

**Turnaround Time (TAT):**  Immediate  6 Hour  24 Hour  48 Hour  Other

6 Hour TAT Contact: \_\_\_\_\_ at: \_\_\_\_\_  
 Samples Collected By: Adam Munn Date: 5/6/20  
 Transmitted to Lab By: Adam Munn Date: 5/6/20  
 Received in Lab By: CAH Date: 5/6/20  
 Samples Analyzed By: CAH Date: 5/6/20

**Final Visual & Air Clearance Inspection Report(s)**

**FINAL VISUAL AND AIR CLEARANCE INSPECTION REPORT**

PROJECT #: 632-251

This letter is to certify that I performed a visual inspection of the asbestos abatement area(s) listed below and that:

- The area contains no visible dust or debris
- Air monitoring was performed in accordance with applicable regulations and/or the scope of work for this project
- The airborne asbestos level does not exceed the required and/or recommended re-occupancy standard

Phase Contrast Microscopy (PCM) pre-test samples were analyzed by:

Synertech / \_\_\_\_\_ / \_\_\_\_\_  
 AIHA- Accredited Laboratory City License # NIOSH 582- Certified Microscopist AAR# City License #  
 (if applicable) (if applicable)

Phase Contrast Microscopy (PCM) during samples were analyzed by:

Synertech / \_\_\_\_\_ / \_\_\_\_\_  
 AIHA- Accredited Laboratory City License # NIOSH 582- Certified Microscopist AAR# City License #  
 (if applicable) (if applicable)

Phase Contrast Microscopy (PCM) post-test samples were analyzed by:

Synertech / \_\_\_\_\_ / \_\_\_\_\_  
 AIHA- Accredited Laboratory City License # NIOSH 582- Certified Microscopist AAR# City License #  
 (if applicable) (if applicable)

Transmission Electron Microscopy (TEM) post-test samples were analyzed by (if applicable):

\_\_\_\_\_  
 NVLAP/NIST-Accredited Laboratory

<i>Building Name</i>	<i>Address</i>		<i>Contact</i>		
<i>Lanncrest Rec Center</i>	<i>6000 Rising Sun Ave Phil, PA 19111</i>		<i>Dan Harkins</i>		
<b>Description of Material</b>	<b>Location (room/floor/area)</b>	<b>Amount Of ACM</b>	<b>Visual Inspection Date</b>	<b># of Clearance Samples Analyzed</b>	<b>Final Clearance Fiber Concentrations (F/CC)</b>
<i>Pipe Insulation</i>	<i>Basement Utility Rm</i>	<i>10 LF</i>	<i>5/6/20</i>	<i>2</i>	

Signature of Air Monitoring Technician: *Adam Murray*  
 Date: *5/6/20*

**Lead Dust Wipe Sampling Laboratory Results**

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077  
 Phone/Fax: (856) 303-2500 / (856) 786-5974  
<http://www.EMSL.com> [cinnaminsonleadlab@emsl.com](mailto:cinnaminsonleadlab@emsl.com)

EMSL Order: 202004335  
 CustomerID: SYNE50  
 CustomerPO:  
 ProjectID:

Attn: **Synertech, Inc.** Phone: (215) 755-2305  
**228 Moore Street** Fax: (215) 755-2405  
**Philadelphia, PA 19148** Received: 05/15/20 3:15 PM  
 Collected: 5/15/2020

Project: 632-251 / 6000 Rising Sun

**Test Report: Lead in Dust by Flame AAS (SW 846 3050B/7000B)\***

<i>Client Sample Description</i>	<i>Lab ID</i>	<i>Collected</i>	<i>Analyzed</i>	<i>Area Sampled</i>	<i>Lead Concentration</i>
BTM 01 Site: Auditorium Floor	202004335-0001	5/15/2020	5/18/2020	288 in <sup>2</sup>	63 µg/ft <sup>2</sup>
BTM 02 Site: Aud. Sill	202004335-0002	5/15/2020	5/18/2020	60 in <sup>2</sup>	82 µg/ft <sup>2</sup>
BTM 03 Site: Classroom Floor	202004335-0003	5/15/2020	5/18/2020	288 in <sup>2</sup>	26 µg/ft <sup>2</sup>
BTM 04 Site: Classroom Sill	202004335-0004	5/15/2020	5/18/2020	60 in <sup>2</sup>	160 µg/ft <sup>2</sup>
BTM 05 Site: Hallway/Basement F1	202004335-0005	5/15/2020	5/18/2020	288 in <sup>2</sup>	74 µg/ft <sup>2</sup>
BTM 06 Site: Blank	202004335-0006	5/15/2020	5/18/2020	N/A	<10 µg/wipe

Phillip Worby, Lead Laboratory Manager  
 or other approved signatory

\*Analysis following Lead in Dust by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 10 µg/wipe. ug/wipe =µg/ft<sup>2</sup> x area sampled in ft<sup>2</sup>. Unless noted, results in this report are not blank corrected. EMSL maintain liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. When the information supplied by the customer can affect the validity of the results, it will be noted on the report. The lab is not responsible for data reported in µg/ft<sup>2</sup> which is dependent on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAC unless otherwise noted. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements

Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NELAP Certifications: NJ 03036, NY 10872, PA 68-00367, AIHA-LAP, LLC ELLAP 100194, A2LA 2845.01

Initial report from 05/18/2020 14:45:13

202004335



RECEIVED  
EMSL  
CINNAMINSON, NJ

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20 MAY 15 PM 3:16

Chain of Custody Transmittal  
Lead Wipe Samples  
by Flame AAS Analysis

632-251

Project Name: 6100 Rising Sun

Project No. 632-251

Laboratory: EMSL

Turnaround Time:  24 hours  48 hours  72 hours  Other \_\_\_\_\_

ASTM/EPA APPROVED GHOST WIPES USED

Samples Collected By: [Signature]

Date/Time 5-15-20

Transmitted to Lab By: [Signature]

Date/Time 5-15-20

Received in Lab By: [Signature]

Date/Time 5/15/2020 3:15

Samples Analyzed By: \_\_\_\_\_

Date/Time \_\_\_\_\_

690

Sample #	Location	Area (sq. inches)	Remarks
1 Btm 01	Auditorium Floor	60	
2 Btm 02	Aud. Sill	60	
3 Btm 03	Classroom Floor	60	
4 Btm 04	Classroom Sill	60	
5 Btm 05	Mallory Basement Fl	60	Far Cond.
6 Btm 06	Blank		

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077  
 Phone/Fax: (856) 303-2500 / (856) 786-5974  
<http://www.EMSL.com> [cinnaminsonleadlab@emsl.com](mailto:cinnaminsonleadlab@emsl.com)

EMSL Order: 202004515  
 CustomerID: SYNE50  
 CustomerPO:  
 ProjectID:

Attn: **Synertech, Inc.**  
**228 Moore Street**  
**Philadelphia, PA 19148**

Phone: (215) 755-2305  
 Fax: (215) 755-2405  
 Received: 05/22/20 4:00 PM  
 Collected: 5/22/2020

Project: 632-251 / 6000 Rising Sun

### Test Report: Lead in Dust by Flame AAS (SW 846 3050B/7000B)\*

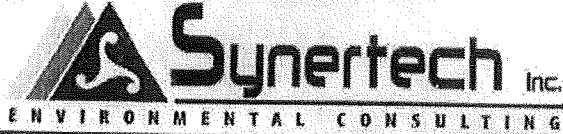
<i>Client Sample Description</i>	<i>Lab ID</i>	<i>Collected</i>	<i>Analyzed</i>	<i>Area Sampled</i>	<i>Lead Concentration</i>
BTM01 Site: Aud. Floor	202004515-0001	5/22/2020	5/26/2020	288 in <sup>2</sup>	9.9 µg/ft <sup>2</sup>
BTM02 Site: Aud. Sill	202004515-0002	5/22/2020	5/26/2020	100 in <sup>2</sup>	40 µg/ft <sup>2</sup>
BTM03 Site: Classroom Fl	202004515-0003	5/22/2020	5/26/2020	288 in <sup>2</sup>	5.8 µg/ft <sup>2</sup>
BTM04 Site: Class Sill	202004515-0004	5/22/2020	5/26/2020	100 in <sup>2</sup>	27 µg/ft <sup>2</sup>
BTM05 Site: Basement Hall	202004515-0005	5/22/2020	5/26/2020	288 in <sup>2</sup>	56 µg/ft <sup>2</sup>
BTM06 Site: Blank	202004515-0006	5/22/2020	5/26/2020	N/A	<10 µg/wipe

Phillip Worby, Lead Laboratory Manager  
 or other approved signatory

\*Analysis following Lead in Dust by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 10 µg/wipe. ug/wipe =µg/ft<sup>2</sup> x area sampled in ft<sup>2</sup>. Unless noted, results in this report are not blank corrected. EMSL maintain liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. When the information supplied by the customer can affect the validity of the results, it will be noted on the report. The lab is not responsible for data reported in µg/ft<sup>2</sup> which is dependent on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAP unless otherwise noted. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements

Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NELAP Certifications: NJ 03036, NY 10872, PA 68-00367, AIHA-LAP, LLC ELLAP 100194, A2LA 2845 01

Initial report from 05/26/2020 15:49:58



202004515

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### Chain of Custody Transmittal Lead Wipe Samples

Project Name: 6000 Rising Sun Project No. 632-251

Laboratory: EMSL Analysis: FAAS

Turnaround Time:  24 hours  48 hours  72 hours  Other \_\_\_\_\_

**X ASTM/EPA APPROVED GHOST WIPES USED**

Samples Collected By: [Signature] Date/Time 5-22-20

Transmitted to Lab By: [Signature] Date/Time 5-22-20

Received in Lab By: [Signature] Date/Time 5/22/2020 4<sup>00</sup>

Samples Analyzed By: \_\_\_\_\_ Date/Time \_\_\_\_\_

Sample #	Location	Area (sq. inches)	Remarks
1 BSM 01	Mid. Floor	288	
2 BSM 02	Mid. Sill	100	
3 BSM 03	Classroom Fl	288	
4 BSM 04	Class Sill	100	
5 BSM 05	Basement Hall	288	
6 BSM 06	Blank		

60%



**Synertech Daily Activity Report(s)**

228 Moore Street • Philadelphia, Pennsylvania 19148 • Phone 215-755-2305 • Fax 215-755-2405

 Project Name: Lawncrest Rec Center

 Project Number: 632-251 Date: 5/6/20

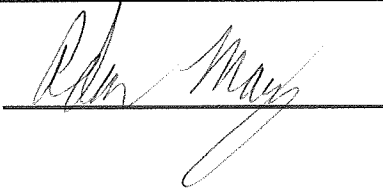
 Task Type:  API  BI  INV  MP  IH  ET  PD  CADD  CIE  RA  LT  CL  PM  Other: \_\_\_\_\_

TIME

 PAGE 1 OF 1

0800	Arrived on site. Met with city coordinator Dan Harkins and building manager. We were shown work area in basement, 10 LF of damaged TSI. Calibrated + set up pumps to measure preliminary air conditions. Contractors arrived on site and awaited completion of prelim. air results. Checked worker licenses; all current.
1010	Air sampling period has elapsed. Set up pump to measure environmental conditions outside work area in clean area. Crew began preps and abated pipe insulation.
1100	Crew had completed abatement and requested visual inspection. Provided some advice on areas to reclean. Area later passed visual inspection and encapsulant was applied to abated area.
1210	Air sampling period elapsed. Set up pumps for final clearance air sampling.
1410	At end of sampling period, collected samples and left site to have clearance samples read for immediate turnaround.
1630	Clearance samples passed. Notified contractor, who disassembled containment. Packed equipment and left site.

Type	<u>PCM</u>	Samples
# of sx's	<u>8</u>	
TAT	<u>Immediate</u>	
Lab	<u>Synertech</u>	

 Signature: 

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Project Name: 6000 Rising Sun

Project Number: U32-251 Date: 5-15-20

Task Type: API BI INV MP IH ET PD CADD CIE RA  LT CL PM Other: \_\_\_\_\_

TIME \_\_\_\_\_ PAGE 1 OF 1

3:00pm	Arrived at 6000 rising sun and reviewed work.
3:30pm	Obtained Access and met with Associated.
4:00pm	Located work areas and did a short walk through visual.
4:30pm	work Areas Documented and ready for testing.
5:00pm	Set up and ready to Test Beginning.
6:00pm	Sampling complete - writing up samples.
7:00pm	Delivered to lab and Activity
* NOTES Sill/Frame Tape Left as request.	
* Basement Floor pool-condition Test	

Type	<u>Leadwipe</u>
# of sx's	_____
TAT	_____
Lab	_____

Signature: 