Synertech inc.
ENVIRONMENTAL CONSULTING

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

March 25, 2020

Ms. Jennifer Gresh
Duffield Associates
211 North 13th Street
Philadelphia, PA 19107

Re: **Report for Environmental Investigation (ACM & LBP) & Sampling**
Nelson Recreation Center
301 West Cumberland Street, Philadelphia, Pennsylvania
Synertech Incorporated Project No. 632-246

Dear Ms. Gresh:

Introduction

As directed by your office, on March 11, 2020, *Synertech Incorporated* conducted an environmental investigation throughout the Nelson Recreation/Playground Center building which is located at 301 West Cumberland Street, Philadelphia, Pennsylvania. The scope of the investigation focused on locating and quantifying Asbestos Containing Materials (ACMs) and Lead Based Paint (LBP)/Lead Containing Coatings (LCC) that may be present throughout the recreation building and playground areas prior to planned renovations or demolition. This report is a summary of the findings and testing data.

Asbestos Investigation

The asbestos investigation focused on all areas throughout the building with the exception of the roofing materials. No destructive demolition was performed to access concealed areas of any spaces. A City of Philadelphia Asbestos Investigator collected bulk samples of suspect ACMs located throughout all areas and generated a list of all identified homogeneous areas (HA). When conducting an asbestos inspection, the various suspect asbestos containing building materials are grouped into "homogeneous areas" for sampling and assessment. A homogeneous area is defined as an area of a particular material that is uniform in color, texture, application, date of installation and function and is believed to be similar in all other aspects. Samples of each homogenous area (material) are then collected to determine its asbestos content.

An ACM is defined as one that has a composition of **greater than** one (1%) percent asbestos by weight. Upon confirmation of a material to be asbestos containing, a physical assessment is provided to document its quantity, condition, and friability classification. The friability of a material is a term used to describe a physical property of suspect asbestos containing materials. A friable material is one that, when dry, can be crushed and reduced to a powder by hand pressure. Conversely, a non-friable material is one that, when dry, cannot be crushed and reduced to a powder by hand pressure. Refer to more detailed definitions of friable and non-friable asbestos containing materials presented on the following page.

- **Environmental Protection Agency (EPA) Category I Non-friable ACM (NF1)**
  Non-friable Category I ACMs (i.e. roofing, flooring and gaskets) cannot be reduced to a powder by hand pressure or crumbled between the fingers. Non-friable Category I asbestos fibers remain bound within the matrix of the material. These types of materials pose no hazard of releasing asbestos fibers into the air unless rendered friable by activities including sanding, grinding, pulverizing, cutting or penetrating with power tools, or otherwise reducing to a powder. Mere cracking or minor breakage does not constitute the type of damage that would be considered as rendering the material friable.

- **EPA Category II Non-friable ACM (NF2)**
  Non-friable Category II ACMs (i.e. transite, cementitious products, woven cloth, woven wire insulation) cannot be reduced to a powder by hand pressure or crumbled between the fingers. Non-friable Category II asbestos fibers remain bound within the matrix of the material. These types of materials pose no hazard of releasing asbestos fibers into the air unless rendered friable by activities including breaking, sanding, grinding, pulverizing, cutting or penetrating with power tools, or otherwise reducing to a powder. However, minor breakage does constitute the type of damage that would be considered as rendering these types of materials friable, as asbestos fibers may be released along the fractured surfaces or from the edges exposed by the breakage.

- **EPA Regulated Friable ACM (FRI)**
  Friable ACMs (i.e. thermal system insulation, plaster, linoleum backing) can be reduced to a powder by hand pressure or crumbled between the fingers. Asbestos fibers can be readily released into the environment and pose a significant hazard if impacted or damaged in any way.

The investigator evaluated all accessible spaces for cataloging and sampling each homogeneous material. Appropriate extrapolation to assign types and quantities of potential ACMs concealed behind structural components was utilized in instances where known ACM was observed in exposed locations that extended beyond and behind structural surfaces.

All bulk samples were analyzed by EMSL Analytical of Cinnaminson, New Jersey (NIST-NVLAP No. 101/10165-0; AIHA Lab No. 100188). Bulk samples were analyzed via Polarized Light Microscopy (PLM), method EPA 600/R-93/116, the standard method of analysis for asbestos content in building materials. The PC designation, if listed, refers to the point counting variation of this method, which is used for samples with low asbestos content.

Summary of Findings – Asbestos Investigation

Results – Suspect Asbestos Containing Material Bulk Sampling

The following table lists the homogeneous materials identified during inspection:

HM ID	SAMPLE #	DESCRIPTION	SAMPLE LOCATION	CLASSIFICATION
A	1,2	Brown Cementitious Floor Material	Large Open Area	Non Asbestos
B	3,5	Light Grey 12”x12” Floor Tile	Kitchen Area	Non Asbestos
C	4,6	Adhesive a/w Light Grey Tile	Kitchen Area	Non Asbestos
D	7,9,11	Top Finish Coat Ceiling Plaster	Mechanical Rm. Adj. to Main Entry	Non Asbestos
Continued				

HM ID = homogeneous material identification a/w = associated with

HM ID	SAMPLE #	DESCRIPTION	SAMPLE LOCATION	CLASSIFICATION
E	8,10,12	Base Coat Ceiling Plaster	Mechanical Rm. Adj. to Main Entry	Non Asbestos
F	13	Cinder Block Wall Material	Wall adj. to main Entry	Non Asbestos
G	14	Mortar a/w Cinder Block Wall Material	Wall adj. to main Entry	Non Asbestos
H	15	Joint Compound	Men's Restroom - Ceiling	Non Asbestos
I	16	Drywall	Men's Restroom - Ceiling	Non Asbestos
J	17	Joint Compound	Large Open Area – Closet adj. Kitchen	Non Asbestos
K	18	Joint Compound	Heater Room behind Kitchen	Non Asbestos
L	19	Drywall Ceiling Material	Heater Room behind Kitchen	Non Asbestos
M	20,22	Top Finish Coat Ceiling Plaster	Entry Foyer Area	Non Asbestos
N	21,23	Bottom Base Coat Ceiling Plaster	Entry Foyer Area	Non Asbestos
O	24	Exterior Door Caulk	Exterior – Main Entrance Door	Non Asbestos
P	25	Exterior Wall Seam Caulk	Exterior – Front Wall	Non Asbestos
Q	26,27	Exterior Ceiling Stucco	Exterior	Non Asbestos
R	28	Batt Insulation aove Ceiling	Large Open Area	Non Asbestos

HM ID = homogeneous material identification a/w = associated with

Detailed Listing of Asbestos Containing Materials

The following is a listing of **ASSUMED** ACMs identified throughout the building.

Location(s)	Material	Approximate Amounts of ACM	Condition	*Abatement Classification
Exterior	Roof Field & Flashing Materials (assumed to be asbestos containing)	2,100 SF	Good	**Non-Friable**

<u>Non-Asbestos</u> Containing Materials

The following materials were confirmed to be **non-asbestos containing**:

- All fiberglass pipe insulation;
- All drywall and associated joint compound;
- All 12"x12" floor tiles and associated adhesives;
- All top coat and base coat plaster;
- All cementitious floor material;
- All Batt Insulation above ceiling;
- All cinder block and associated mortar;
- All exterior door caulk materials;
- All exterior stucco ceiling material.

Pre-Demolition/Roof Replacement Requirements

- The roofing shall be removed in a manner that does not render the material friable and all assumed Asbestos-Containing roofing waste must be disposed in a landfill that accepts non-friable asbestos containing waste. All of these stipulations should be well known by any reputable demolition or roofing contractor, and should not present any difficulties in acquiring a demolition or roofing contractor to perform the work in accordance with all appropriate regulations regarding asbestos.

- *Synertech Incorporated* recommends sampling of roofing materials prior to repair/removal to determine if the roofing materials are asbestos containing.

Lead Based Paint Inspection

As requested by your office, *Synertech Incorporated* representative Ryan Hutsell, Pennsylvania licensed lead inspector/risk assessor # 059512, performed lead paint testing via XRF throughout the Nelson Playground. The survey and testing were performed to locate any Lead Based Paint (LBP) or Lead Containing Coatings (LCC) that may be present throughout buildings prior to planned renovations. This report is a summary of the findings and testing data.

Synertech Incorporated conducts all investigational LBP work according to all pertinent regulations, including HUD, OSHA, the Nuclear Regulatory Commission, Commonwealth of Pennsylvania's DER -Bureau of Radiation Protection and the Resource Conservation and Recovery Act (RCRA). The HUD guidelines provide the most comprehensive national compilation of technical protocols, practices and procedures for Lead Based Paint testing, abatement, worker protection, cleanup, and disposal. However, for the purposes of this survey, representative XRF testing of all building components was performed.

Diagnostic testing was performed using a portable X-Ray Fluorescence (XRF) Spectrum Analyzer (The Niton XLp 300 Spectrum Analyzer as manufactured by the Thermo Scientific Corporation). An XRF detector is a portable instrument that a lead inspector can carry to the job site. The instrument contains a sealed "source" that emits radioactive energy in the form of gamma rays. When the source is activated and exposed to a surface for testing, the material within its field of view will be "excited". Each element, when exposed to gamma rays above its "absorption edge", will fluoresce. Once fluoresced, the element will emit x-ray energies. If lead is present within the tested material, it will emit a characteristic frequency of radiation; the XRF reads the intensity of this radiation, which is related to the amount of lead in the paint. The unit was calibrated prior to testing to ensure that the unit is operating within acceptable ranges.

- LBP is defined by the City of Philadelphia Department of Health to contain equal to or greater than 0.70 mg/cm² via XRF.
- LBP is defined by the Federal Department of Housing & Urban Development (HUD) and Environmental Protection Agency (EPA) to contain equal to or greater than 1.00 mg/cm² lead via XRF.
- The OSHA definition correlates to a PRESENT or ABSENT lead content in paints and coatings. OSHA considers results greater than 0.00 mg/cm² lead via XRF a Lead Containing Coating (LCC) and >0.01% by weight via paint chip analysis.

Summary of Results for XRF Testing

The tables below list the components confirmed to be lead containing via XRF testing:

Please Note: Regarding entries in the "Wall" column, Direction "A" corresponds to the main front entry wall of the building. Direction "B" corresponds to the next adjacent wall in a clockwise direction and so forth for directions "C" and "D".

Summary of Results for XRF Testing

Tables 1 below contain components with lead paint in levels exceeding the U.S. Department of Housing and Urban Development, U.S. Environmental Protection Agency definition of lead-based paint. The components listed in table 1 also are above the OSHA level.

Table 1

Location	Wall	Component	>OSHA Threshold	>HUD/EPA Threshold	>CoP DoH Threshold
Mechanical Closet	All	Walls	**X**	**X**	**X**

Summary of Results for XRF Testing (*continued*)

Table 1					
Location	**Wall**	**Component**	**>OSHA Threshold**	**>HUD/EPA Threshold**	**>CoP DoH Threshold**
Entrance Foyer	All	Walls	**X**	**X**	**X**
Storage in Entrance Foyer	All	Walls	**X**	**X**	**X**
Women's Restroom	All	Walls	**X**	**X**	**X**
Exterior	All	Brick Walls	**X**	**X**	**X**
	N/A	All Metal Column	**X**	**X**	**X**
	N/A	Grey Metal Trusses	**X**	**X**	**X**
		Wood Ceiling	**X**	**X**	**X**

Tables 2 below contain lead in levels below the U.S. Department of Housing and Urban Development, U.S. Environmental Protection Agency definition of lead-based paint but lead was detectable, therefore the components listed in the table below are above the OSHA level. The components that also are above the HUD, EPA and CoP thresholds are also listed the table below.

Table 2 - > OSHA Level					
Location	**Wall**	**Component**	**>OSHA Threshold**	**>HUD/EPA Threshold**	**>CoP DoH Threshold**
Mechanical Closet	All	Walls	**X**	**X**	**X**
	D	Window Frame	**X**		
	N/A	Ceiling	**X**		
Entrance Foyer	All	Walls	**X**	**X**	**X**
	D	Blue Metal Door	**X**		
	N/A	Ceiling	**X**		
Storage in Entrance Foyer	All	Walls	**X**	**X**	**X**
	C	Window Apron	**X**		**X**
		Window Sill	**X**		
	N/A	Ceiling	**X**		
Women's Restroom	All	Walls	**X**	**X**	**X**
Men's Restroom	All	Walls	**X**		
	A	Metal Pipe	**X**		
Computer Room	All	Walls	**X**		
	A	Door Frame	**X**		
		Fire Extinguisher Trim	**X**		
Closet Farthest from Kitchenette	D	Wooden Moldings	**X**		
Exterior	All	Brick Walls	**X**	**X**	**X**
		Concrete Walls	**X**		
	A	All Metal Column	**X**	**X**	**X**
		Green Door Frame	**X**		
	N/A	Plaster Overhang	**X**		
		Grey Metal Trusses	**X**	**X**	**X**
		Wood Ceiling	**X**	**X**	**X**

Applicable Standards/Regulations

Summary of EPA's Lead; Renovation, Repair, and Painting (RRP) Program

The following is a brief and highly condensed summary of the EPA's RRP. The following is not intended to be utilized in place of the RRP, but is rather a brief presentation of the major components of the regulation as they apply to this specific project.

a. Application – The EPA's RRP applies to all renovations, repairs, and painting of lead painted surfaces performed for compensation in *Target Housing* and "child-occupied facilities".

b. Definitions:

1. ***Child-occupied facility*** – a building, or portion of a building, constructed prior to 1978, visited regularly by the same child, under six (6) years of age, on at least two (2) different days within any week, provided that each day's visit lasts at least three (3) hours, and the combined weekly visits last at least six (6) hours, and the combined annual visits last at least sixty (60) hours.

2. ***Renovation*** – the modification of any existing structure, or portion thereof, that results in the disturbance of more than six (6) SF of interior lead painted surfaces per room, or more than twenty (20) SF of exterior lead painted surfaces.

c. If a building or property is considered child occupied while any renovations are being performed, the owners of the building, and the occupants and/or their parents/guardians must receive information from the renovator on lead based paint hazards before renovations begin. This information must exclusively be the EPA pamphlet entitled, "*Renovate Right: Important Lead Hazard Information for Families, Child Care Providers and Schools*". Written acknowledgement of receipt of the pamphlet must also be provided back to the renovator.

d. If the building or property is child occupied while any future renovations are being performed, the renovator is required to post informational signs describing the general nature, locations and completion date of the project, and prepare, date and sign a statement describing the steps performed to notify parents and guardians and to provide the pamphlet.

e. Individuals performing these renovations must be trained at EPA accredited Training Providers, firms must be certified by the EPA as Lead Renovators, and work practices must be employed in accordance with the RRP.

f. Required renovator work practices:

1. Post warning signs and clearly define the work areas to limit access by occupants.
2. Isolate/contain work area so that no dust leaves the work area.
3. Remove objects from the work area or leave, cover and seal such objects.
4. Close and cover all duct openings in the work area.
5. Close all windows and doors in the work area.
6. Cover the floor of the work area with taped down impermeable sheeting.
7. Open flame burning or torching of paint, using a heat gun above 1,100 °F, and the use of machines that sand grind, plane or blast paint are prohibited.
8. Generated waste must be contained and disposed to prevent release of dust.
9. Clean work area until no dust or debris remains, starting from highest elevation to lowest elevation, using damp wiping using trisodium phosphate soap (TSP) and HEPA vacuuming techniques.
10. Wet mop floors, keeping wash water separate from the rinse water.
11. Perform visual inspection for remnant dust or debris. When acceptable, perform post renovation clearance verification testing or surface lead dust wipe sampling.

Summary of OSHA Lead Exposure in Construction Standard

The current OSHA standard 29 CFR 1926.62 for lead exposure in construction has a permissible exposure limit (PEL) of 50 micrograms per cubic meter of air (50 µg/m^3), measured as an 8-hour time-weighted average (TWA).

Certain lead-related construction tasks commonly produce exposures above the PEL and often orders of magnitude above the PEL. The OSHA lead standard for construction is unique in that it groups tasks that are presumed to be associated with employee exposures above the PEL into three lead-exposure ranges. The exposure ranges assigned to the different categories of tasks are based on data collected by OSHA and other sources including two advisory groups.

OSHA mandates a worker lead exposure action level (AL) of airborne lead to be 30 ug/cubic meter of air and a permissible exposure limit (PEL) of ≤50 ug/cubic meter of air. (ug = micrograms).

Respiratory Protection for Lead Exposures

Airborne Concentration of Lead	Minimum Required Respiratory Protection
Below the PEL up to 49 µg/m³	No Personal Protective Equipment or Respiratory Protection Required
1 to10 x PEL/ up to 500 µg/m³	Any Air Purifying Respirator (HEPA)
10 to 25 x PEL/ 500 to 1,250 µg/m³	Any Powered Air Purifying Respirator (HEPA)
25 to 50 x PEL/ 1,250 to 2,500 µg/m³	Full face piece Air Purifying Respirator (HEPA) or Tight fitting Powered Air Purifying Respirator (HEPA)
50 to 100 x PEL/ 2,500 to 50,000 µg/m³	Half masked Supplied Air Respirator
100 to 200 x PEL/ 50,000 to 100,000 µg/m³	Full face piece Supplied Air Respirator
> 200 x PEL/ ≥ 100,000 µg/m³	Full face piece SCBA

Lead-Related Construction Tasks and Their Presumed 8-hour TWA Exposure Levels

> 50 to 500 µg/m^3	> 500 µg/m^3 to 2,500 µg/m^3	> 2,500 µg/m^3
Manual demolition	Using lead-containing mortar	Welding
Dry manual scraping	Lead burning	
Dry manual sanding	Rivet busting	Torch cutting
Heat gun use	Power tool cleaning without dust collection systems	
Power tool cleaning with dust collection systems	Cleanup of dry expendable abrasive blasting jobs	Torch burning
Spray painting with lead paint	Abrasive blasting enclosure movement and removal	

Construction Waste Characterization Testing

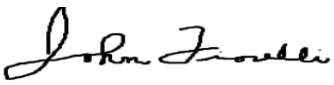
For those components testing positive for LBP that will be disposed of with construction waste, with the exception of the metal materials that will be recycled, a Toxicity Characteristic Leaching Procedure (TCLP) sample must be collected and submitted by the waste generating contractor. TCLP is a sample extraction analytical method used to simulate a waste stream leaching through a landfill. The method is used to determine if the waste is characterized as hazardous.

The level, at or above which demolition waste would have to be treated as hazardous lead waste, is 5.0 parts per million of lead, or 5.0 mg/L of lead.

Synertech Incorporated is pleased to provide Duffield Associates with this report. If you have any questions regarding the information or data provided in this correspondence, feel free to contact our office at 215-755-2305.

Sincerely,

Synertech Incorporated



John Fiorelli
Project Manager
Phila. Asb. Investigator # AIC-0623

Synertech Incorporated

Ryan Hutsell
Project Manager
PA LI/RA #059512

Attachment 1

Laboratory Certificates of Analysis
&
Chain of Custody Forms

EMSL Analytical, Inc.

200 Route 130 North Cinnaminson, NJ 08077
Tel/Fax: (800) 220-3675 / (856) 786-5974
http://www.EMSL.com / cinnasblab@EMSL.com

EMSL Order:	042006749
Customer ID:	SYNE50
Customer PO:	
Project ID:	

Attention:	John Fiorelli	**Phone:**	(215) 755-2305
	Synertech, Inc.	**Fax:**	(215) 755-2405
	228 Moore Street	**Received Date:**	03/11/2020 6:05 PM
	Philadelphia, PA 19148	**Analysis Date:**	03/12/2020
		Collected Date:	03/11/2020
Project:	Nelson Rec Center / 632-246		

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
1 *042006749-0001*	Large Open Area - Brown Cementitious Floor Coating	Brown Non-Fibrous Homogeneous	HA: A	100% Non-fibrous (Other)	None Detected
2 *042006749-0002*	Large Open Area - Brown Cementitious Floor Coating	Brown Non-Fibrous Homogeneous	HA: A	100% Non-fibrous (Other)	None Detected
3 *042006749-0003*	Kitchen at Entry - Light Gray 12x12 Tile	Gray Non-Fibrous Homogeneous	HA: B	100% Non-fibrous (Other)	None Detected
4 *042006749-0004*	Kitchen at Entry - Adhesive associated with #3	Yellow Non-Fibrous Homogeneous	HA: C	100% Non-fibrous (Other)	None Detected
5 *042006749-0005*	Kitchen near Sink - Light Gray 12x12 Tile	Gray Non-Fibrous Homogeneous	HA: B	100% Non-fibrous (Other)	None Detected
6 *042006749-0006*	Kitchen near Sink - Adhesive associated with #5	Yellow Non-Fibrous Homogeneous	HA: C	100% Non-fibrous (Other)	None Detected
7 *042006749-0007*	Mechanical Room adjacent to Entry - Finish Top Coat Ceiling Plaster	Tan Non-Fibrous Homogeneous	HA: D	100% Non-fibrous (Other)	None Detected
8 *042006749-0008*	Mechanical Room adjacent to Entry - Bottom Scratch Coat Plaster	Gray Non-Fibrous Homogeneous	HA: E	100% Non-fibrous (Other)	None Detected
9 *042006749-0009*	Mechanical Room adjacent to Entry - Tan Finish Coat Ceiling Plaster	Tan Non-Fibrous Homogeneous	HA: D	100% Non-fibrous (Other)	None Detected
10 *042006749-0010*	Mechanical Room adjacent to Entry - Rough Coat CeilingPlaster	Gray Non-Fibrous Homogeneous	HA: E	100% Non-fibrous (Other)	None Detected
11 *042006749-0011*	Mechanical Room adjacent to Entry - Tan Finish Coat Ceiling Plaster	Tan Non-Fibrous Homogeneous	HA: D	100% Non-fibrous (Other)	None Detected

Initial report from: 03/12/2020 09:25:27

EMSL Analytical, Inc.
200 Route 130 North Cinnaminson, NJ 08077
Tel/Fax: (800) 220-3675 / (856) 786-5974
http://www.EMSL.com / cinnasblab@EMSL.com

EMSL Order:	042006749
Customer ID:	SYNE50
Customer PO:	
Project ID:	

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
12 *042006749-0012*	Mechanical Room adjacent to Entry - Rough Coat CeilingPlaster	Gray Non-Fibrous Homogeneous	HA: E	100% Non-fibrous (Other)	None Detected
13 *042006749-0013*	Adjacent to Entry - Cinderblock	Gray Non-Fibrous Homogeneous	HA: F	100% Non-fibrous (Other)	None Detected
14 *042006749-0014*	Adjacent to Entry - Mortar associated with Cinderblock	Gray Non-Fibrous Homogeneous	HA: G	100% Non-fibrous (Other)	None Detected
15 *042006749-0015*	Mens Room Ceiling - Joint Compound		HA: H		Layer Not Present
16 *042006749-0016*	Mens Bathroom Ceiling - Drywall Ceiling	Brown/White Fibrous Homogeneous	15% Cellulose 8% Glass HA: I	77% Non-fibrous (Other)	None Detected
17 *042006749-0017*	Closet in Large Open Area - Joint Compound	White Non-Fibrous Homogeneous	HA: J	100% Non-fibrous (Other)	None Detected
18 *042006749-0018* *Sample is drywall*	Heater Room Off of Large Open Area - Joint Compound - Ceiling	Brown/White Fibrous Homogeneous	15% Cellulose 5% Glass HA: K	80% Non-fibrous (Other)	None Detected
19 *042006749-0019*	Heater Room Off of Large Open Area - Drywall - Ceiling	Brown/White Fibrous Homogeneous	15% Cellulose 8% Glass HA: L	77% Non-fibrous (Other)	None Detected
20 *042006749-0020*	Entry Foyer Area - Top Finish Coat Ceiling Plaster	Tan Non-Fibrous Homogeneous	HA: M	100% Non-fibrous (Other)	None Detected
21 *042006749-0021*	Entry Foyer Area - Bottom Ceiling Plaster	Gray Non-Fibrous Homogeneous	HA: N	100% Non-fibrous (Other)	None Detected
22 *042006749-0022*	Entry Foyer Area - Top Finish Coat Ceiling Plaster	Tan Non-Fibrous Homogeneous	HA: M	100% Non-fibrous (Other)	None Detected
23 *042006749-0023*	Entry Foyer Area - Rough Coat associated with 22	Gray Non-Fibrous Homogeneous	HA: N	100% Non-fibrous (Other)	None Detected
24 *042006749-0024* *Recommend TEM*	Front Entry Door - Exterior Door Caulk	Gray Non-Fibrous Homogeneous	HA: O	100% Non-fibrous (Other)	None Detected
25 *042006749-0025*	Exterior - Front Wall - Exterior Wall Seam Caulk	Red Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Initial report from: 03/12/2020 09:25:27

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EMSL Order:	042006749
Customer ID:	SYNE50
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Project ID:	

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
			HA: P		
26 *042006749-0026*	Exterior - Front - Exterior Ceiling Cement	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
			HA: Q		
27 *042006749-0027*	Exterior - Front - Exterior Ceiling Cement	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
			HA: Q		
28 *042006749-0028*	Large Open Area - F6 - Insulation above Ceiling	Pink Fibrous Homogeneous	95% Glass	5% Non-fibrous (Other)	None Detected
			HA: R		

Analyst(s)

Amy Johnson (19)
Michelle Quach (8)

Samantha Rundstrom, Laboratory Manager
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. The above analyses were performed in general compliance with Appendix E to Subpart E of 40 CFR (previously EPA 600/M4-82-020 "Interim Method"), but augmented with procedures outlined in the 1993 ("final") version of the method. 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. Interpretation and use of test results are the responsibility of the client. All samples received in acceptable condition unless otherwise noted. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. EMSL recommends gravimetric reduction for all non-friable organically bound materials prior to analysis. Estimation of uncertainty is available on request.

Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NVLAP Lab Code 101048-0, AIHA-LAP, LLC-IHLAP Lab 100194, NYS ELAP 10872, NJ DEP 03036, PA ID# 68-00367, LA #04127

Initial report from: 03/12/2020 09:25:27

042006749

Synertech Inc.
ENVIRONMENTAL CONSULTING

Chain of Custody Transmittal – Asbestos Bulk Samples

228 Moore Street • Philadelphia, Pennsylvania 19148 • Phone 215-755-2305 • Fax 215-755-2405 • www.gosynertech.com • info@gosynertech.com

Project Name: NELSON REC CENTER **Project No.** 632-246 **Laboratory:** EMSL

Analysis: (1) PLM ☐ Other _____ (8) Test Until Positive Per HMID **Turnaround Time:** ☐ 6 hour RUSH (24) hours ☐ 72 hours ☐ Other _____

Samples Collected By: J. FIORELLI **Date/Time** 3/11/20 **Transmitted to Lab By:** 3/11/20 **Date/Time** 3/11/20

Received in Lab By: _____ **Date/Time** _____ **Received in Lab By:** _____ **Date/Time** 3/11/2020 COB

Report Results To: _____

Sample #	HMID	Lab Sample #	C/D	Material Description	Location
1	A		C	BROWN CEMENTITOUS FLOOR COATING	LARGE OPEN AREA
2	A		C	" "	" "
3	B		D	LIGHT GREY 12x12 TILE	KITCHEN AT ENTRY
4	C		D	ADHESIVE A/W #3	" "
5	B		D	LIGHT GREY 12x12 TILE	KITCHEN NEAR SINK
6	C		D	ADHESIVE A/W #5	" "
7	D		D	FINISH TOP COAT CEILING PLASTER	MECHANICAL RM ADJ TO ENTRY.
8	E		D	BOTTOM SCRATCH COAT PLASTER	" "
9	D		D	TAN FINISH COAT CEILING PLASTER	" "
10	E		D	ROUGH COAT CEILING PLASTER	" "
11	D		D	TAN FINISH COAT CEILING PLASTER	" "
12	E		D	ROUGH COAT CEILING PLASTER	" "
13	F		C	CINDER BLOCK	ADJ TO ENTRY
14	G		C	MORTAR A/W CINDER BLOCK	ADJ TO ENTRY
15	H		D	JOINT COMPOUND	MENS ROOM CEILING.

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Page 1 Of 2

OrderID: 042006749

HMID = Homogenous Material Identification
C = Composite- Samples indicated as composite should be analyzed/reported as a single material.
D = Discrete Stratum- Samples indicated as discrete stratum should be analyzed/reported by layer.

28 PLM

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042006749

Chain of Custody Transmittal – Asbestos Bulk Samples

228 Moore Street • Philadelphia, Pennsylvania 19148 • Phone 215-755-2305 • Fax 215-755-2405 • www.gosynertech.com • info@gosynertech.com

Project Name: NELSON REC CENTER Project No. 632-246 Laboratory: Ensl.

Analysis: (PLM) ☐ Other _____ (Test Until Positive Per HMID) Turnaround Time: ☐ 6 hour RUSH ☐ 24 hours ☐ 72 hours ☐ Other _____

Samples Collected By: J. FIORELLI Date/Time 3/11/20 Transmitted to Lab By: AJW Date/Time 3/11/20

Received in Lab By: _____ Date/Time _____ Received in Lab By: _____ Date/Time _____

Report Results To: _____

RECEIVED
EMSL
CINNAMINSON, NJ
20 MAR 11 PM 6:07

Sample #	HMID	Lab Sample #	C/D	Material Description	Location
16	I		D	DRYWALL CEILING	MENS BATHROOM CEILING.
17	J		C	JOINT COMPOUND	CLOSET in LARGE OPEN AREA.
18	K		C	JOINT COMPOUND - CEILING	HEATER ROOM OFF OF LARGE OPEN AREA
19	L		C	DRYWALL - CEILING	" "
20	M		D	TOP FINISH COAT CEILING PLASTER	ENTRY FOYER AREA.
21	N		D	BOTTOM CEILING PLASTER	" "
22	M		D	TOP FINISH COAT CEILING PLASTER	" "
23	N		D	ROUGH COAT FOR 22.	" "
24	O		C	EXTERIOR DOOR CAULK	FRONT ENTRY DOOR
25	P		C	EXTERIOR WALL SEAM CAULK	EXTERIOR - FRONT WALL.
26	Q		C	EXTERIOR CEILING CEMENT	EXTERIOR - FRONT
27	Q		C	EXTERIOR CEILING CEMENT	" "
28	R		C	INSULATION ABOVE WOOD CEILING	LARGE OPEN AREA. (F6)

OrderID: 042006749

HMID = Homogenous Material Identification
C = Composite- Samples indicated as composite should be analyzed/reported as a single material.
D = Discrete Stratum- Samples indicated as discrete stratum should be analyzed/reported by layer.

Attachment 2

City of Philadelphia
Asbestos Inspection Report

City of Philadelphia - Department of Public Health
Air Management Services, 2nd Fl. Asbestos Control Unit
321 University Ave. Philadelphia, PA 19104

Asbestos Inspection Report

Office Use Only	Date Received L&I:	Date Received AMS:
	Date Inspected	Inspector No.

1. Name of Building / Property: Nelson Recreation Center & Playground
Address: 301 West Cumberland Street, Philadelphia, Pennsylvania 19133

2. Name of Building / Property Owner: City of Philadelphia Dept. of Recreation - Nelson Recreation Center
Address: 1515 Arch Street Philadelphia, PA
Phone No.: 215 683 3600

3. Name of Philadelphia Certified Investigator: John P. Fiorelli
Certification No.: 0232
Contact Information / Email / Phone No.: 215 755-2305

L&I Commercial Activity No. (Former Business Privilege License No.): H-31804
Business Tax ID No.: 559-2027

4. Name of Philadelphia Licensed Laboratory: EMSL
License No.: 100
Phone No.: 800 220 3675

5. Scope of Work: (Insert or attach a complete description of the portion of the subject property inspected and the anticipated work that will result in the disturbance of the identified Asbestos Containing Materials (ACMs) (e.g. demolition, asbestos abatement, and / or renovation activities.)

The scope of work will be either complete demolition of the building or major renovations throughout the building. A comprehensive asbestos inspection along with bulk sampling of accessible suspect materials was performed. SEE ACMS LISTED BELOW.

6. ☐ Property has been declared to be in imminent danger (ID) of failure or collapse by the City of Philadelphia Department of Licenses & Inspections.
Attached is a copy of the L&I Notice of Violation declaring the property I.D. **Note: INVESTIGATOR MUST BE ON SITE DURING DEMOLITION!

7. (ACMs) identified? ☒ Yes (List Below) ☐ No (explain) Assumed ACM below gym floor & assumed roofing materials

8. Suspected ACM's sampled? ☒ Yes (attached are copies of the laboratory chain of custody and bulk sample results.) ☐ No (Why?)

9. List all identified ACM's located in the planned renovation/demolition areas. Damaged ACM must be listed and then repaired or removed prior to renovation. You (Investigator) must label all ACM that may be left in the work area. (Attached are add'tl sheets)

Location	Description	Type (Code 1)	Amount Square	Amount Linear	Condition (Code 2)	Action (Code 3)
Exterior - Roofing Materials (assumed)	Roofing Materials	NF1	2,100		ND	REM

Code 1
FRI - Friable
NF1 - Non-Friable, Cat. 1
NF2 - Non-Friable, Cat. 2

Code 2
DD - Deteriorated or Delaminated
ND - Non-Damaged

Code 3
REM - Removal necessary prior to Demo/Reno
NRN - No removal necessary, label ACM
REP - Repair & Label ACM, removal not necessary

10. I hereby certify that the foregoing statements are true and the information contained in this report is true. This certification is made subject to the penalties set forth in 18 PA. C.S. S4904 relating to unsworn falsification to authorities. Furthermore I certify that the inspection, sampling, and labeling requirements of section X of the Asbestos Control Regulation (ACR) have been met. The building owner has been notified of the ACR requirements and given a copy of this report. If the inspection has revealed ACM which will be disturbed by the proposed work or if it has revealed ACM in bad condition, the building owner has been notified to remove or repair the ACM in accordance with the ACR prior to renovation or demolition activity.

11. Signature of Certified Asbestos Investigator:	Date:	Signature of Building Owner:	Date:
John P. Fiorelli	03/25/19		

Attachment 3

XRF Data Spreadsheets

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Lead Based Paint Testing Data - XRF Results

Project Name & Number: Nelson Playground - 301 W. Cumberland St., Philadelphia, PA 19133; Synertech Project #632-246

Client Name: Duffield Associates

Inspector & Dates: Ryan Hutsell, March 11, 2020

Reading No	Component	Substrate	Side	Condition	Color	Floor	Room	Results	mg/cm^2
1	Calibration	N/A	N/A	N/A	N/A	N/A	N/A	N/A	3.7
2	Calibration	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.4
3	Calibration	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.9
4	Calibration	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.5
5	Calibration	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.3
6	Calibration	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0
7	**Wall**	**Concrete Block**	**C**	**Intact**	**White**	**Ground**	**Mechanical Closet**	**Positive**	**6.8**
8	**Wall**	**Brick**	**A**	**Intact**	**Blue**	**Ground**	**Exterior**	**Positive**	**5.1**
9	**Wall**	**Concrete Block**	**A**	**Intact**	**White**	**Ground**	**Entrance Foyer**	**Positive**	**4.9**
10	**Column**	**Metal**	**A**	**Poor**	**Grey**	**Ground**	**Exterior**	**Positive**	**4.9**
11	**Wall**	**Concrete Block**	**D**	**Intact**	**White**	**Ground**	**Entrance Foyer**	**Positive**	**4.8**
12	**Wall**	**Brick**	**A**	**Intact**	**Green**	**Ground**	**Exterior**	**Positive**	**4.1**
13	**Wall**	**Concrete Block**	**B**	**Intact**	**White**	**Ground**	**Mechanical Closet**	**Positive**	**4**
14	**Wall**	**Concrete Block**	**A**	**Intact**	**White**	**Ground**	**Mechanical Closet**	**Positive**	**3.2**
15	**Wall**	**Concrete Block**	**C**	**Intact**	**Tan**	**Ground**	**Women's Restroom**	**Positive**	**2.5**
16	**Overhang**	**Wood**	**N/A**	**Poor**	**White**	**Ground**	**Exterior**	**Positive**	**2.3**
17	**Wall**	**Brick**	**A**	**Intact**	**Grey**	**Ground**	**Exterior**	**Positive**	**1.9**
18	**Wall**	**Concrete**	**D**	**Intact**	**Tan**	**Ground**	**Women's Restroom**	**Positive**	**1.2**

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Lead Based Paint Testing Data - XRF Results

Project Name & Number: Nelson Playground - 301 W. Cumberland St., Philadelphia, PA 19133; Synertech Project #632-246
Client Name: Duffield Associates
Inspector & Dates: Ryan Hutsell, March 11, 2020

Reading No	Component	Substrate	Side	Condition	Color	Floor	Room	Results	mg/cm^2
19	**Overhang Beam**	**Metal**	**N/A**	**Poor**	**Grey**	**Ground**	**Exterior**	**Positive**	**1.2**
20	**Wall**	**Concrete Block**	**C**	**Intact**	**Orange**	**Ground**	**Storage in Entrance Foyer**	**Positive**	**1.1**
21	**Window Apron**	**Wood**	**C**	**Intact**	**Orange**	**Ground**	**Storage in Entrance Foyer**	**Positive**	**0.8**
22	**Overhang**	**Wood**	**N/A**	**Poor**	**White**	**Ground**	**Exterior**	**Positive**	**0.8**
23	Wall	Concrete Block	C	Intact	White	Ground	Computer Room	Negative	0.6
24	Wall	Concrete Block	C	Intact	Orange	Ground	Storage in Entrance Foyer	Negative	0.5
25	Wall	Concrete Block	B	Intact	Blue	Ground	Men's Restroom	Negative	0.4
26	Window Sill	Wood	C	Intact	Orange	Ground	Storage in Entrance Foyer	Negative	0.3
27	Ceiling	Plaster	N/A	Intact	White	Ground	Storage in Entrance Foyer	Negative	0.3
28	Overhang	Plaster	N/A	Poor	White	Ground	Exterior	Negative	0.3
29	Overhang	Plaster	N/A	Poor	White	Ground	Exterior	Negative	0.23
30	Overhang Beam	Wood	N/A	Poor	White	Ground	Exterior	Negative	0.16
31	Ceiling	Concrete	N/A	Intact	White	Ground	Entrance Foyer	Negative	0.12
32	Wall	Concrete	C	Intact	White	Ground	Entrance Foyer	Negative	0.11
33	Wall	Concrete Block	C	Intact	Blue	Ground	Men's Restroom	Negative	0.06
34	Doo	Metal	D	Intact	Blue	Ground	Entrance Foyer	Negative	0.05
35	Wall	Concrete	A	Intact	Green	Ground	Exterior	Negative	0.04
36	Wall	Concrete Block	B	Intact	Blue	Ground	Men's Restroom	Negative	0.03

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Client Name: Duffield Associates

Inspector & Dates: Ryan Hutsell, March 11, 2020

Reading No	Component	Substrate	Side	Condition	Color	Floor	Room	Results	mg/cm^2
37	Pipe	Metal	A	Intact	Blue	Ground	Men's Restroom	Negative	0.03
38	Door Frame	Metal	A	Intact	Brown	Ground	Computer Room	Negative	0.02
39	Fire Extinguisher Trim	Metal	A	Intact	Brown	Ground	Computer Room	Negative	0.02
40	Window Frame	Metal	C	Intact	White	Ground	Mechanical Closet	Negative	0.02
41	Overhang Beam	Metal	N/A	Poor	Brown	Ground	Exterior	Negative	0.02
42	Overhang	Metal	N/A	Poor	White	Ground	Exterior	Negative	0.02
43	Moulding	Wood	D	Intact	White	Ground	Closet 2nd from Kitchenette	Negative	0.01
44	Ceiling	Plaster	N/A	Intact	White	Ground	Mechanical Closet	Negative	0.01
45	Wall	Ceramic	B	Intact	Tan	Ground	Women's Restroom	Negative	0.01
46	Wall	Ceramic	D	Intact	Blue	Ground	Men's Restroom	Negative	0.01
47	Wall	Ceramic	D	Intact	Tan	Ground	Men's Restroom	Negative	0.01
48	Door Frame	Metal	A	Intact	Green	Ground	Exterior	Negative	0.01
49	Overhang Beam	Metal	N/A	Poor	White	Ground	Exterior	Negative	0.01
50	Wall	Drywall	A	Intact	Blue	Ground	Kitchenette	Negative	0
51	Wall	Concrete Block	B	Intact	Blue	Ground	Kitchenette	Negative	0
52	Wall	Concrete Block	C	Intact	Blue	Ground	Kitchenette	Negative	0
53	Wall	Plaster	D	Intact	Blue	Ground	Kitchenette	Negative	0
54	Door Frame	Metal	A	Intact	Brown	Ground	Kitchenette	Negative	0

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Inspector & Dates: Ryan Hutsell, March 11, 2020

Reading No	Component	Substrate	Side	Condition	Color	Floor	Room	Results	mg/cm^2
55	Ceiling	Drywall	N/A	Intact	Brown	Ground	Kitchenette	Negative	0
56	Wall	Concrete Block	A	Intact	N/A	Ground	Closet adjacent Kitchenette	Negative	0
57	Wall	Concrete Block	B	Intact	White	Ground	Closet 2nd from Kitchenette	Negative	0
58	Wall	Concrete Block	C	Intact	White	Ground	Closet 2nd from Kitchenette	Negative	0
59	Wall	Concrete Block	D	Intact	White	Ground	Closet 2nd from Kitchenette	Negative	0
60	Moulding	Wood	B	Intact	White	Ground	Closet 2nd from Kitchenette	Negative	0
61	Ceiling	Drywall	N/A	Intact	White	Ground	Closet 2nd from Kitchenette	Negative	0
62	Door Frame	Metal	A	Intact	Red	Ground	Closet 2nd from Kitchenette	Negative	0
63	Door	Metal	A	Intact	Green	Ground	Closet 2nd from Kitchenette	Negative	0
64	Wall	Concrete Block	A	Intact	White	Ground	Computer Room	Negative	0
65	Wall	Concrete Block	B	Intact	White	Ground	Computer Room	Negative	0
66	Wall	Drywall	B	Intact	White	Ground	Computer Room	Negative	0
67	Wall	Concrete Block	C	Intact	White	Ground	Computer Room	Negative	0
68	Wall	Drywall	D	Intact	White	Ground	Computer Room	Negative	0
69	Wall	Concrete Block	D	Intact	White	Ground	Computer Room	Negative	0
70	Wall Panel	Wood	A	Intact	Brown	Ground	Computer Room	Negative	0
71	Wall Panel	Wood	B	Intact	Brown	Ground	Computer Room	Negative	0
72	Wall Panel	Wood	C	Intact	Brown	Ground	Computer Room	Negative	0

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Lead Based Paint Testing Data - XRF Results

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Client Name: Duffield Associates

Inspector & Dates: Ryan Hutsell, March 11, 2020

Reading No	Component	Substrate	Side	Condition	Color	Floor	Room	Results	mg/cm^2
73	Wall Panel	Wood	D	Intact	Brown	Ground	Computer Room	Negative	0
74	Ceiling	Wood	N/A	Intact	Tan	Ground	Computer Room	Negative	0
75	Vent	Metal	N/A	Intact	Tan	Ground	Computer Room	Negative	0
76	Door	Metal	A	Intact	Blue	Ground	Computer Room	Negative	0
77	Window Frame	Metal	B	Intact	Brown	Ground	Computer Room	Negative	0
78	Door Frame	Metal	D	Intact	Brown	Ground	Computer Room	Negative	0
79	Door	Metal	D	Intact	Blue	Ground	Computer Room	Negative	0
80	Wall	Drywall	A	Intact	White	Ground	Office	Negative	0
81	Wall	Drywall	B	Intact	White	Ground	Office	Negative	0
82	Window Frame	Metal	D	Intact	Green	Ground	Office	Negative	0
83	Door Frame	Wood	D	Intact	Green	Ground	Office	Negative	0
84	Wall Panel	Wood	B	Intact	Green	Ground	Office	Negative	0
85	Ceiling	Wood	N/A	Intact	White	Ground	Office	Negative	0
86	Wall	Concrete Block	B	Intact	White	Ground	Entrance Foyer	Negative	0
87	Wall	Concrete Block	C	Intact	White	Ground	Entrance Foyer	Negative	0
88	Wall	Concrete	C	Intact	White	Ground	Entrance Foyer	Negative	0
89	Door Frame	Metal	A	Intact	Brown	Ground	Entrance Foyer	Negative	0
90	Door	Metal	A	Intact	Blue	Ground	Entrance Foyer	Negative	0

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Client Name: Duffield Associates

Inspector & Dates: Ryan Hutsell, March 11, 2020

Reading No	Component	Substrate	Side	Condition	Color	Floor	Room	Results	mg/cm^2
91	Door Frame	Metal	A	Intact	Brown	Ground	Entrance Foyer	Negative	0
92	Door	Metal	A	Intact	Blue	Ground	Entrance Foyer	Negative	0
93	Door Frame	Metal	C	Intact	Blue	Ground	Entrance Foyer	Negative	0
94	Door	Metal	C	Intact	Blue	Ground	Entrance Foyer	Negative	0
95	Door Frame	Metal	D	Intact	Brown	Ground	Entrance Foyer	Negative	0
96	Conduit	Metal	A	Intact	White	Ground	Entrance Foyer	Negative	0
97	Conduit	Metal	B	Intact	White	Ground	Entrance Foyer	Negative	0
98	Ceiling	Concrete	N/A	Intact	White	Ground	Mechanical Closet	Negative	0
99	Ceiling	Concrete	N/A	Intact	White	Ground	Mechanical Closet	Negative	0
100	Floor	Concrete	N/A	Intact	Grey	Ground	Mechanical Closet	Negative	0
101	Wall	Concrete Block	A	Intact	Orange	Ground	Storage in Entrance Foyer	Negative	0
102	Wall	Concrete	B	Intact	Orange	Ground	Storage in Entrance Foyer	Negative	0
103	Door	Metal	A	Intact	Yellow	Ground	Storage in Entrance Foyer	Negative	0
104	Floor	Concrete	N/A	Intact	White	Ground	Storage in Entrance Foyer	Negative	0
105	Wall	Concrete Block	A	Intact	White	Ground	Women's Restroom	Negative	0
106	Wall	Concrete Block	B	Intact	White	Ground	Women's Restroom	Negative	0
107	Wall	Ceramic	B	Intact	Blue	Ground	Women's Restroom	Negative	0
108	Pipe	Metal	A	Intact	Tan	Ground	Women's Restroom	Negative	0

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Client Name: Duffield Associates

Inspector & Dates: Ryan Hutsell, March 11, 2020

Reading No	Component	Substrate	Side	Condition	Color	Floor	Room	Results	mg/cm^2
109	Ceiling	Drywall	N/A	Intact	Tan	Ground	Women's Restroom	Negative	0
110	Ceiling	Drywall	N/A	Intact	Tan	Ground	Women's Restroom	Negative	0
111	Ceiling	Drywall	N/A	Intact	Tan	Ground	Women's Restroom	Negative	0
112	Floor	Drywall	N/A	Intact	Grey	Ground	Women's Restroom	Negative	0
113	Wall	Concrete Block	A	Intact	Blue	Ground	Men's Restroom	Negative	0
114	Wall	Concrete Block	D	Intact	Blue	Ground	Men's Restroom	Negative	0
115	Door Frame	Metal	A	Intact	Blue	Ground	Men's Restroom	Negative	0
116	Door	Metal	A	Intact	Blue	Ground	Men's Restroom	Negative	0
117	Ceiling	Drywall	N/A	Intact	White	Ground	Men's Restroom	Negative	0
118	Floor	Concrete	N/A	Intact	Grey	Ground	Men's Restroom	Negative	0
119	Door	Metal	A	Intact	Green	Ground	Exterior	Negative	0
120	Wall	Concrete	A	Intact	Blue	Ground	Exterior	Negative	0
121	Door	Metal	A	Intact	Grey	Ground	Exterior	Negative	0
122	Overhang Beam	Metal	N/A	Poor	White	Ground	Exterior	Negative	0
123	Playground Equipment	Metal	N/A	Poor	Blue	Ground	Exterior	Negative	0
124	Playground Equipment	Metal	N/A	Poor	Green	Ground	Exterior	Negative	0
125	Playground Equipment	Metal	N/A	Poor	Orange	Ground	Exterior	Negative	0
126	Playground Equipment	Metal	N/A	Poor	Brown	Ground	Exterior	Negative	0

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Client Name: Duffield Associates

Inspector & Dates: Ryan Hutsell, March 11, 2020

Reading No	Component	Substrate	Side	Condition	Color	Floor	Room	Results	mg/cm^2
127	Playground Equipment	Metal	N/A	Poor	Yellow	Ground	Exterior	Negative	0
128	Handrail	Metal	N/A	Poor	Black	Ground	Exterior	Negative	0
129	Calibration	N/A	N/A	N/A	N/A	N/A	N/A	N/A	3.5
130	Calibration	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.54
131	Calibration	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.1
132	Calibration	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.61
133	Calibration	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.27
134	Calibration	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0