Noyes Park Recreation Center

10th & Franklin Street, NE, Washington, D.C. 20032

A. Description

The Noyes Park is located at the intersection of 10th & Franklin Street, NE. The Park, which is 1.1 acres in size, is an open, sunny site, sloping gently westward toward 10th Street. The playground has an approximate area of 900ft^2. Noyes Elementary School, with an enrollment of approximately 300 students, is located adjacent to the park at 2725 10th Street, NE. Noyes Park has several areas for the public to enjoy besides the playground including a fitness park, picnic areas with pavilions, grassy play areas, walking paths, etc. The overall park incorporates different ground surfaces including Poured in Place (PIP) rubber, artificial turf, natural grass, and crushed rock pathways. Noyes Park has a fence surrounding the playground and an additional fence surrounding the majority of the public park area share a common fence which encloses the perimeter.

B. Sampling Methodology and Reasoning:

DPR Recreational Center's PIP playgrounds were evaluated in accordance with the DGS PIP Playground Evaluation Procedures – XRF Protocol located in Appendix 8 – Study Protocols, Procedures and Methodologies. Adherence to this protocol assures that every type, location, color, and otherwise different type of PIP, equipment, and/or other nearby items (e.g. benches, fences, trash containers, etc.) has been properly inspected by industrial hygienists and effectively evaluated with the XRF to provide the highest level of assurance that all aspects of the DPR playgrounds have been fully evaluated.

The DGS PIP Playground Evaluation Procedures – XRF Protocol was developed to provide the highest confidence and most efficient method for identifying and quantifying any lead presence or contamination using lessons learned from extensive and comprehensive sampling and analysis of DCPS PIP playgrounds. This XRF protocol is capable of effectively identifying lead sources, pathways of contamination and areas of contamination of the PIP playground, equipment and any other nearby items such as benches, fences, trash containers, etc. This XRF protocol provides a high volume of XRF spot screenings of PIP playground and immediate playground areas. These spot screenings focus on areas having an elevated potential for the presence of lead followed by a focused attention and additional XRF evaluation on any location or item having readings above 400 ppm. These focus areas include determination of lead source and lead contaminated PIP playground and determination of the pathways of lead transport between. Any reproducible readings or sources, pathways or contamination above 400 ppm are noted, photographed, wipe sampled and documented in Lead Verification Certificates (LVC).

Wipe sampling is used to determine if lead at the surface of an identified lead contaminated PIP playground, equipment and/or nearby items (e.g. benches, fences, trash containers, etc.) could be transferred to children's hands, shoes, clothing, etc. Lead identified in wipes have the highest hazard potential for exposure to Pb. If no lead is identified in wipes, there is very low likelihood of exposure from those lead containing sources (e.g. lead containing paint, plastic, lead containing posts, fencing, etc.)

Table 1: Descriptions of Table 2 Codes and Code Definitions

Description	Code	Code Definition
Sub. (Substrate)	P	PIP
Sub. (Substrate)	E	Equipment
Sub. (Substrate)	S	Soils
Sub. (Substrate)	O	Other (e.g., benches, fences, trash containers, etc.)
Type	B	Background
Type	S	Survey
Type	C	Contamination (PIP)
Type	P	Pathway
Type	So	Source

Table 2: DPR PIP Playground XRF Evaluation Results

Site	Date	PG	Sample #	Sub.	Type	User	Threshold Result	Pb	Pb Error
Noyas Park	1/7/20	A		P	B	DWD	Pass	4.2	1.5
Noyas Park	1/7/20	A		P	B	DWD	Pass	5.6	1.5
Noyas Park	1/7/20	A		P	B	DWD	Pass	5.8	1.5
Noyas Park	1/7/20	A		P	S	DWD	Pass	6.3	2.2
Noyas Park	1/7/20	A		P	S	DWD	Pass	6.1	2.1
Noyas Park	1/7/20	A		P	S	DWD	Pass	<LOD	3.8
Noyas Park	1/7/20	A		P	S	DWD	Pass	8.2	2.3
Noyas Park	1/7/20	A		E	S	DWD	Pass	<LOD	4.9
Noyas Park	1/7/20	A		E	S	DWD	Pass	<LOD	1.7
Noyas Park	1/7/20	A		E	S	DWD	Pass	12.1	2.6
Noyas Park	1/7/20	A		E	S	DWD	Pass	<LOD	1.4
Noyas Park	1/7/20	A		E	S	DWD	Pass	<LOD	122.2
Noyas Park	1/7/20	A		E	S	DWD	Pass	<LOD	0.8
Noyas Park	1/7/20	A		E	S	DWD	Pass	10.5	2.7
Noyas Park	1/7/20	A		O	S	DWD	Pass	<LOD	15.2
Noyas Park	1/7/20	A		O	S	DWD	Pass	<LOD	9.7

Note: XRF Lead Verification Certificates (LVC) are available if actionable levels > 400 ppm lead detection is verified. If an LVC is created, it willbe identified by sample # and included at the end of this report. If elevated levels are not reproducible, no LVCs were created.

C. Summary

All PIP playground XRF readings did not indicate the presence of lead in or on the PIP, equipment or other (e.g., benches, fences, trash containers, etc.) above the 400-ppm lead action level.

D. Recommendations

It is recommended that there should be regular playground maintenance checks, regular cleaning of the surfaces, and repairing of any damage that could potentiallycollect lead dirt or create other hazards to children. The maintenance program should include regular power washing of the PIP, equipment and nearby walls using the applicable power washing methods and protocol as described in Appendix 8 - Study Protocols, Procedures and Methodology, PIP PlaygroundCleaning Procedures.

Approved by:

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