



# *Summary of Paint & Plaster Stabilization Activities*



*Field  
Services*

**At:**

**#1460 – Anderson Elementary School  
1034 S. 60<sup>th</sup> Street  
Philadelphia, PA 19143**

**For:**

**Mr. Eddie Escobio  
Operations Manager  
School District of Philadelphia  
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*Lab  
Services*

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*Training  
Services*

**Summary of Paint and Plaster Stabilization Activities**  
**School Name: Anderson Elementary School**  
**Address: 1034 S. 60<sup>th</sup> Street**  
**Philadelphia, PA 19143**  
**UCLS #: 1460**

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## **I. INTRODUCTION**

Criterion Laboratories, Inc. (Criterion), was requested by the School District of Philadelphia's Office of Environmental Management Services (OEMS) to perform oversight and clearance testing during a paint and plaster stabilization project being performed by the School District Painters at Anderson Elementary School located at 1034 S. 60<sup>th</sup> Street, in Philadelphia, PA (the "School"). The purpose of the oversight was to document that all parts of the US Environmental Protection Agency (EPA) Lead Renovation, Repair and Painting rules were being followed and documented.

## **II. METHODS EXECUTIVE SUMMARY**

### **A. Preliminary Steps**

#### **i. Parent and Staff Notifications**

Parents and staff were notified of the paint and plaster project prior to the commencement of the project. Additionally, prior to the start of the project, parent and staff meetings were held by OEMS, Maintenance, and Operations to explain the process of the paint and plaster projects and to field any questions or concerns.

#### **ii. Decluttering**

Classrooms, closets and other storage areas were decluttered prior to the commencement of stabilization work. Coordination of the decluttering activities was made between teachers and facilities staff to ensure that outdated and unneeded academic materials were discarded, and that resources were provided to assist in the decluttering tasks such as support staff for heavy lifting and/or moving large furniture and additional recycling dumpsters.

#### **iii. Wall Hangings**

Posters, bulletin boards, framed art and other wall hangings were removed prior to the commencement of the paint stabilization project. This was coordinated with teachers by the Operations Division at the kick-off meeting, and during the phasing of the project, with the help of the Principal.

#### **iv. Facilities Building Cleaning Staff Training**

All work areas were scheduled for cleaning by facilities staff after the paint stabilization work was completed by Maintenance Painting Staff. Facilities Building Cleaning Staff were provided with information about this project and expectations for post-cleaning, including use of wet-wipes and HEPA vacuums.

## **B. Pre-Cleaning**

On an as-needed basis, for areas such as cluttered storage closets, that required extensive movement of materials, HEPA vacuuming and wet-wiping prior to paint and plaster stabilization, the Maintenance Environmental staff performed a pre-cleaning in advance of stabilization work. The intent of this task was to provide a clean work area prior to decluttering and stabilization.

Additionally, post-cleaning was conducted by facilities staff after paint and plaster stabilization was completed. This included the HEPA vacuuming and wet-wiping of all horizontal surfaces and polishing floors.

## **C. Paint & Plaster Stabilization Procedures**

Paint and plaster stabilization work complied with the EPA's Lead RRP rule. All staff conducting this work were trained and/or certified as Lead RRP workers.

The following procedures were followed:

### **i. Work Practices**

- Isolate work areas to restrict dust from impacting adjacent areas.
- Post signs/notifications as per EPA Lead RRP.
- Place “walk-off” pads at all access points into/out of work area.
- Seal all openings [windows, doors, and HVAC system registers/grilles] inside work areas as per direction from on-site environmental monitors and consistent with the EPA Lead RRP rules & guidelines.
- Workers are to wear disposable clothing and foot coverings while inside work areas and will not leave work areas wearing disposable clothing.
- Move/cover all remaining objects in work area to protect them. Including all open bins, shelves and boxes in the classroom.
- Employ/Erect “portable” dust containment barrier systems to limit the size of work areas requiring post-cleaning and limit testing and exposure.
- Place plastic floor coverings to extend at least 6 feet out from vertical surfaces being stabilized unless utilizing vertical barriers/containment systems.
- Perform all paint stabilization work in compliance with the EPA Lead RRP rules & guidelines and as per the directions of on-site environmental monitors to minimize dust contamination.
- Take all steps necessary to ensure that no dust or debris leaves the work area while the work is being performed.
- Use precautions to ensure that all employees, tools, and other items, including the exteriors of waste containers, are free of dust and debris before leaving the work area.
- Collect all paint chips & debris, fold up plastic floor coverings and any other plastic sheeting used on horizontal surfaces, without dispersing dust or debris and dispose of the material in heavy duty plastic waste bags.
- Do not use power tools.
- Do not use dry sweeping with brooms.

- Do use water/misting during stabilization to minimize dust.
- Do use HEPA vacuums and wet wiping/cleaning techniques.

## **ii. Oversight**

The environmental technician will oversee paint and plaster stabilization work to ensure compliance with lead safe work practices. An oversight report will be completed at the end of every shift to record the work areas that were stabilized. The following tasks will be verified and recorded:

- Pre-cleaning
- Contents moved
- Work area prepped
- Surfaces stabilized
- Contents back in place
- Final inspection approval and photos

## **D. Cleanup & Completion**

The following clean-up and completion procedures were performed for each work area following the completion of stabilization work:

### **i. Cleanup**

- There should be no signs of loose, peeling, flaking, bubbling or crumbling paint or plaster visible on walls or ceilings or on any other painted surfaces.
- There should be no visible signs of paint chips, debris or dust of any kind on surfaces within “contained” and isolated work areas NOR outside of the contained and isolated work areas.
- Window sills, floors, baseboards, shelving units, tops of cabinets, desks, chairs, tables and all other horizontal surfaces must be free of any visible signs of paint and plaster dust and/or debris.
- There must be absolutely no visible signs of paint chips, and/or paint/plaster dust or debris on academic/educational materials, including books, bins, toys, desks, chairs, carpets, papers, etc., after each work shift and to allow for re-occupancy the next day,
- Any remaining paint and plaster must be tightly adhered to wall and ceiling surfaces such that it cannot be further damaged, pried off or disturbed by “simple fingernail pressure” otherwise work will not be considered to be successfully completed.
- Newly painted surfaces should match the aesthetics of the area in total and should cover the entirety of the wall or ceiling area that was addressed through this work. No visible “patches” of paint should be observed.

### **ii. Testing**

The District and the PFT’s Environmental Consultant worked closely to develop an agreed upon approach to verify that stabilization work was performed in accordance with lead safe work practices, and that classrooms would be safe for re-occupancy by

children and staff. This approach exceeds the EPA Lead RRP rule requirements in terms of the types of, and amounts of, testing performed. Testing will take place in work areas. The areas will be cleaned by general cleaners after the stabilization work is completed and the clearance testing is performed.

Qualitative testing methods, i.e., EPA RRP verification wipe testing and colorimetric wipe testing, will be compared with the quantitative testing method of Atomic Absorption Spectrophotometry (AAS) as indicated in the testing protocol below. If the comparison testing is consistently correlated, only qualitative testing will continue for the duration of the project.

#### **a. Testing Protocol**

##### **Step 1 -- EPA RRP Verification Wipes and Colorimetric Wipes**

The environmental consultant and painter foreman will coordinate the EPA RRP Verification Test Wipe in rooms/areas that have been stabilized and cleaned, and where plastic work area coverings have been removed and visual inspection conducted. After EPA RRP verification wipes pass the cleanliness standard for any surface and/or a 40 square feet (SF) section, the colorimetric testing will be conducted by the environmental consultant.

The colorimetric wipe tests will occur in “child-occupied areas” on approximately 10% of surfaces considered “clean” following the use of the verification wipes. These surfaces may include floors, window sills, or the tops of any other immovable objects that were covered and cleaned in each work area (e.g. CUVs, immovable bookshelves). Additional colorimetric wipes may be collected on surfaces that had been moved and covered and placed outside of the work area. These surfaces may include desks, chairs, bookshelves, etc.

“Child-occupied areas” will include: classrooms, restrooms, cafeterias, gymnasiums, and auditoriums that are routinely used by children in PK-1st grade classrooms. Common areas that children in PK-1st grade classrooms only pass through, such as hallways, stairways, and garages are not included. “Child-occupied areas” will be identified by the Principal of each school.

##### **Step 2 -- Response to Failed Tests**

If colorimetric testing “fails,” then the 40 SF area will be re-wiped by EPA RRP Wipes. The process will continue until both testing methods confirm a “pass.”

##### **Step 3 -- Flame Atomic Absorption Spectrophotometry (FAAS)**

Flame Atomic Absorption Spectrophotometry (FAAS) will be used to verify and confirm the results of the colorimetric testing. FAAS will be used as a quality assurance/quality control for the colorimetric samples. Approximately 10% of the colorimetric samples should be submitted for FAAS analysis.

#### Step 4 -- Release Spaces Back to School/Operations

If EPA RRP wipes and colorimetric wipes are both acceptable, as determined on site, and if work was completed in accordance with this procedure, the room will be turned over to the District's Operations team for "deep cleaning" and for re-occupancy.

#### Step 5 — Ongoing Review

All sampling and testing data, information and results will be readily available and accessible for review by school staff, parents and members of the Oversight Advisory Committee and will be reviewed on a regular basis. Any suggested modifications, changes or other revisions will be considered by the School District of Philadelphia.

The three testing methods were conducted as follows:

Type of Clearance Tests	Building Component	Number of Sample Locations within Work Area	Type of Testing	Testing Specifications/Limitations
EPA RRP Cleaning Verification Wipe	Floors, Countertops, Desks, Tables, Window Sills	One (1) wipe every 40 square feet (ft <sup>2</sup> ) or entire surface of component if surface area is less than 40ft <sup>2</sup> One (1) wipe for every window sill	Qualitative	<ul style="list-style-type: none"> <li>• Qualitative testing based on cleanliness (white glove test)</li> <li>• According to RRP, the areas pass after the 3rd cleaning, regardless of verification</li> </ul>
Colorimetric Wipe SKC, Inc. Full Disclosure® Instant Wipes	Floors, Countertops, Desks, Tables, Window Sills, Etc.	10% of surfaces considered "clean" following the use of EPA RRP Cleaning Verification Wipes	Qualitative	<ul style="list-style-type: none"> <li>• Qualitative testing based on colorimetric visual comparison</li> <li>• Lower Limit of Visual Detection is 18µg of lead</li> <li>• False positive and false negative interferences from silver, cadmium, barium, mercury, and titanium (percentages unknown)</li> <li>• Involves field preparation of sampling media using reagents</li> </ul>

Flame Atomic Absorption Spectrophotometry (AAS)	Analyze Colorimetric Wipes from locations listed above	A minimum of one and a maximum of 10% of colorimetric wipes will also be subjected to laboratory analysis by FAAS for verification. This testing method will be used on a periodic basis to validate the accuracy of qualitative methods above.	Quantitative	<ul style="list-style-type: none"> <li>● Interior Floors and Desks: &lt; 10 µg/ft<sup>2</sup> This is based upon a District and PFT agreement. This is half the current HUD and EPA standard. This is tied to the detection level for the colorimetric wipe which is 18µg per wipe.</li> <li>● Window Sills: &lt; 100 µg/ft<sup>2</sup> per HUD</li> </ul>
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### **III. OVERSIGHT**

#### **A. Scope of Work**

A scope of work was developed for Anderson Elementary School following a room-by-room inspection of the school. During the inspection, the location and quantity of damaged paint and plaster, along with any associated debris and whether the damage was the result of an on-going moisture intrusion, were noted. The Assessment Scope of Work was limited to the Interior, below the suspended ceiling/enclosed ceiling, and Student/Teacher occupied areas only. This information was entered into a scope of work spreadsheet, which was provided to the School District Painting Department in order to create a schedule for the work to be completed. This project involved complete stabilization and painting regardless of if there was any damage.

The scope of work for Anderson Elementary School is included in the Appendix A of this report.

#### **B. EPA Checklist**

Throughout the paint and plaster stabilization project, Criterion's on-site inspector observed, documented, and signed-off on tasks required by the EPA RRP. Additional notes were added to the EPA Checklist to document different oversight tasks that took place. These included documenting that warning signs were posted at the entrance to the work area, that the work area had been contained to prevent the spread of dust and debris, that all objects in the work area had been removed or covered, that all HVAC ducts in the work area were closed and covered, that windows in the work area were closed, that doors in the work area were closed and sealed, that doors that must be used in the work area were covered to allow passage but prevent the spread of dust, that floors in the work area were covered with taped-down plastic, that waste was being contained while on-site and while being transported, that the work site was properly cleaned after the renovations, that all paint chips and debris were picked up and that the protective sheeting was misted, folded dirty-side inward, and taped for removal, that the work area surfaces and objects were cleaned using HEPA vacuums and/or wet-wiping or mopping, that a certified renovator performed the post-renovation cleaning verification, a description of the post-renovation cleaning verification, including the number of wet and dry cloths used, and if the dust clearance testing was performed.

The EPA Checklist for Anderson Elementary School is included in the Appendix B of this report.

#### **C. Oversight**

Throughout the paint and plaster stabilization project, Criterion's on-site inspector documented the day-to-day tasks performed for each work area. These tasks included

the dates of pre-cleaning, the moving of the contents of the room, the prepping of the work area, the stabilization of the painted surfaces, and the final inspection.

The Oversight Table for Anderson Elementary School is included in the Appendix C of this report.

#### **D. Sample Results**

There was no RRP work in the Child Occupied areas. The worst paint condition was observed in Classroom 105. However, the paint was not Lead-Based. A sample was collected from this room as a Quality Control sample. Criterion's on-site inspector documented the sample result.

## ***Appendix A. Scope of Work Table***

## Anderson ES Scope of Work

[illegible]

***Appendix B. EPA Checklist Table***

Anderson ES  
EPA Checklist[illegible]

Anderson ES  
EPA Checklist

[illegible]

# Anderson ES EPA Checklist

[illegible]



Anderson ES  
EPA Checklist

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## ***Appendix C. Oversight Table***

Anderson ES  
Oversight

Task ID	ULCS#	E l e m e n t	F l o o r	On Site Room Name	Student/ Teacher Occupied	Component	Description of Paint and Plaster Damage	XRF (positive/negative)	Pre-Cleaning Completed (date)	Contents Moved (date)	Work Area Prepped (date)	Surfaces Stabilized (date)	Contents Back in Place (date)	Final Inspection Approval and Photos (date)	Square Footage of Work Area	Number of Required RRP Wipes	Number of Colorimetric Wipes Used to Pass	Final Colorimetric Wipe Submitted for AAS Analysis (yes/no)	AAS Analysis Results	Comments from Assessment
1	1460	1	P	Penthouse	no	Stair Railing	Chipping	Negative	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
2	1460	1	P	Penthouse	no	Stair Stringer	Chipping	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
3	1460	1	P	Penthouse	no	Stair Tread	Chipping	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
4	1460	1	3	Classroom 300	yes	W1	Flaking	Negative	6/18/20	6/18/20	6/18/20	6/22/20	7/13/20	N/A	N/A	N/A	N/A	N/A	N/A	
5	1460	1	3	Classroom 300	yes	W1	Flaking	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
6	1460	1	3	Classroom 300	yes	Support pole at Coat Closet (W1)	Friction	Positive	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
7	1460	1	3	Classroom 300	yes	Door Frame (W1)	Friction	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
8	1460	1	3	Classroom 300	yes	Door Jamb (W1)	Friction	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
9	1460	1	3	Classroom 300	yes	Door Stop (W1)	Friction	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
10	1460	1	3	Classroom 300	yes	Interior Door Frame (W1)	Friction	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
11	1460	1	3	Classroom 300	yes	W2	Flaking	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
12	1460	1	3	Classroom 300	yes	W3	Flaking	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
13	1460	1	3	Classroom 300	yes	W3 (Column)	Chipping	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
14	1460	1	3	Classroom 301	yes	W1	Flaking	Negative	6/17/20	6/17/20	6/17/20	6/18/20	7/13/20	N/A	N/A	N/A	N/A	N/A	N/A	
15	1460	1	3	Classroom 301	yes	Column (W1)	Chipping	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
16	1460	1	3	Classroom 301	yes	Support Pole at Coat Closet (W1)	Chipping	Positive	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
17	1460	1	3	Classroom 301	yes	Door Frame (W1)	Chipping	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
18	1460	1	3	Classroom 301	yes	Door Jamb (W1)	Chipping	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
19	1460	1	3	Classroom 301	yes	Door Stop (W1)	Chipping	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
20	1460	1	3	Classroom 301	yes	Interior Door Frame (W1)	Chipping	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
21	1460	1	3	Classroom 301	yes	W2	Flaking	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
22	1460	1	3	Classroom 302	yes	Support Pole at Coat Closet (W1)	Chipping	Negative	6/18/20	6/18/20	6/22/20	6/26/20	7/10/20	N/A	N/A	N/A	N/A	N/A	N/A	
23	1460	1	3	Classroom 302	yes	Coat Hanger in Coat Closet (W1)	Chipping	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
24	1460	1	3	Classroom 302	yes	Locker Door (W1)	Friction	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
25	1460	1	3	Classroom 302	yes	Door Frame (W1)	Chipping	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
26	1460	1	3	Classroom 302	yes	Door Jamb (W1)	Chipping	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
27	1460	1	3	Classroom 302	yes	Door Stop (W1)	Chipping	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
28	1460	1	3	Classroom 302	yes	Interior Door Frame (W1)	Chipping	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
29	1460	1	3	Classroom 302	yes	W2	Flaking	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
30	1460	1	3	Classroom 302	yes	W3	Flaking	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
31	1460	1	3	Classroom 302	yes	Column (W3)	Chipping	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
32	1460	1	3	Classroom 302	yes	W4	Flaking	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
33	1460	1	3	Classroom 302	yes	Ceiling	Flaking	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
34	1460	1	3	Classroom 303	yes	Support Pole at Coat Closet (W1)	Chipping	Negative	6/18/20	6/18/20	6/22/20	6/24/20	7/7/20	N/A	N/A	N/A	N/A	N/A	N/A	
35	1460	1	3	Classroom 303	yes	Door Frame (W1)	Friction	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
36	1460	1	3	Classroom 303	yes	Door Jamb (W1)	Friction	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
37	1460	1	3	Classroom 303	yes	Door Stop (W1)	Friction	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
38	1460	1	3	Classroom 303	yes	Interior Door Frame (W1)	Friction	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
39	1460	1	3	Classroom 303	yes	W2	Flaking	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
40	1460	1	3	Classroom 303	yes	Column (W2)	Flaking	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
41	1460	1	3	Classroom 303	yes	Column (W3)	Flaking	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
42	1460	1	3	Classroom 303	yes	Column (W4)	Flaking	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
43	1460	1	3	Classroom 303	yes	Ceiling Beam (W4)	Flaking	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
44	1460	1	3	Classroom 303	yes	Ceiling	Flaking	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
45	1460	1	3	Classroom 304	yes	W1	Flaking	Negative	6/18/20	6/18/20	6/21/20	6/22/20	7/13/20	N/A	N/A	N/A	N/A	N/A	N/A	

Anderson ES  
Oversight

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Oversight

Task ID	ULCS#	Element	Floor	On Site Room Name	Student/ Teacher Occupied	Component	Description of Paint and Plaster Damage	XRF (positive/negative)	Pre-Cleaning Completed (date)	Contents Moved (date)	Work Area Prepped (date)	Surfaces Stabilized (date)	Contents Back in Place (date)	Final Inspection Approval and Photos (date)	Square Footage of Work Area	Number of Required RRP Wipes	Number of Colorimetric Wipes Used to Pass	Final Colorimetric Wipe Submitted for AAS Analysis (yes/no)	AAS Analysis Results	Comments from Assessment
	1460	1	3	Classroom 314	yes	Ceiling	Flaking	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	3	Stairwell C	yes	Stair Railing	Chipping	Negative	7/14/20	7/14/20	7/14/20	7/31/20	7/31/20	N/A	N/A	N/A	N/A	N/A	N/A	
	1460	1	3	Stairwell C	yes	Stair Ringer	Chipping	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	3	Stairwell B	yes	Door (W1)	Chipping	Negative	7/15/20	7/15/20	7/15/20	7/22/20	7/22/20	N/A	N/A	N/A	N/A	N/A	N/A	
	1460	1	3	Stairwell B	yes	Door Frame (W1)	Chipping	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	3	Stairwell B	yes	Stair Railing	Chipping	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	3	Stairwell B	yes	Stair Ringer	Chipping	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	3	Stairwell B	yes	Stair Riser	Chipping	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	3	Hallway (from Room 300 to Room 314)	yes	Ceiling	Flaking	Negative	7/16/20	7/16/20	7/16/20	7/17/20	7/17/20	N/A	N/A	N/A	N/A	N/A	N/A	
	1460	1	2	IMC 201	yes	W3	Efflorescence	Negative	6/24/20	6/24/20	6/24/20	6/29/20	6/29/20	N/A	N/A	N/A	N/A	N/A	N/A	
	1460	1	2	IMC 201	yes	Column (W3)	Flaking	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	2	Closet adjacent to IMC 201 and Classroom 200	yes	Beam (W3)	Flaking	Negative	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	1460	1	2	Classroom 200	yes	W1	Flaking	Negative	prior	prior	prior	6/17/20	6/28/20	N/A	N/A	N/A	N/A	N/A	N/A	
	1460	1	2	Classroom 200	yes	Column (W1)	Flaking	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	2	Classroom 200	yes	Support Pole at Coat Closet (W1)	Chipping	Positive	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	2	Classroom 200	yes	Interior Door Frame (W1)	Chipping	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	2	Classroom 200	yes	Locker Door (W1)	Chipping	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	2	Classroom 200	yes	W2	Flaking	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	2	Classroom 200	yes	W3	Flaking	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	2	Classroom 200	yes	W4	Flaking	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	2	Classroom 202	yes	W1	Flaking	Negative	prior	prior	prior	6/17/20	6/28/20	N/A	N/A	N/A	N/A	N/A	N/A	
	1460	1	2	Classroom 202	yes	Column (W1)	Flaking	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	2	Classroom 202	yes	Support Pole at Coat Closet (W1)	Chipping	Positive	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	2	Classroom 202	yes	Interior Door Frame (W1)	Chipping	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	2	Classroom 202	yes	Locker Door (W1)	Chipping	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	2	Classroom 202	yes	Column (W3)	Flaking	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	2	Classroom 202	yes	W4	Friction	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	2	Classroom 204	yes	Support Pole at Coat Closet (W1)	Chipping	Negative	6/17/20	6/17/20	6/17/20	6/22/20	6/28/20	N/A	N/A	N/A	N/A	N/A	N/A	
	1460	1	2	Classroom 204	yes	Interior Door Frame (W1)	Chipping	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	2	Teacher's Lounge 205	yes	Ceiling	Flaking	Negative	6/29/20	6/29/20	7/2/20	7/8/20	7/13/20	N/A	N/A	N/A	N/A	N/A	N/A	
	1460	1	2	Teacher's Lounge 205 Closet	yes	Ceiling	Flaking	Negative	6/29/20	6/29/20	7/2/20	7/8/20	7/13/20	N/A	N/A	N/A	N/A	N/A	N/A	
	1460	1	2	Men's Restroom	yes	W2	Chipping	Negative	6/29/20	6/29/20	6/29/20	7/1/20	7/1/20	N/A	N/A	N/A	N/A	N/A	N/A	
	1460	1	2	Men's Restroom	yes	W4	Chipping	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	2	Men's Restroom	yes	Ceiling	Flaking	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	2	Men's Restroom	yes	Floor	Friction	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	2	Women's Restroom	yes	W2	Chipping	Negative	7/1/20	7/1/20	7/1/20	7/7/20	7/7/20	N/A	N/A	N/A	N/A	N/A	N/A	
	1460	1	2	Women's Restroom	yes	W4	Chipping	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	2	Women's Restroom	yes	Ceiling	Flaking	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	2	Women's Restroom	yes	Floor	Friction	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	2	Boy's Restroom	yes	W1	Flaking	Negative	6/28/20	6/28/20	6/28/20	7/1/20	7/1/20	N/A	N/A	N/A	N/A	N/A	N/A	
	1460	1	2	Boy's Restroom	yes	Interior Door Frame (W1)	Chipping	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	

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	1460	1	2	Boy's Restroom	yes	W2	Flaking	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	2	Boy's Restroom	yes	W3	Flaking	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	2	Boy's Restroom	yes	W4	Flaking	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	2	Girl's Restroom	yes	Ductwork (W1)	Flaking	Negative	7/1/20	7/1/20	7/1/20	7/6/20	7/6/20	N/A	N/A	N/A	N/A	N/A	N/A	
	1460	1	2	Girl's Restroom	yes	W2	Flaking	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	2	Girl's Restroom	yes	W4	Flaking	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	2	Classroom 206	yes	Ceiling	Flaking	Negative	prior	prior	prior	6/23/20	6/28/20	N/A	N/A	N/A	N/A	N/A	N/A	
	1460	1	2	Classroom 208	yes	W1	Flaking	Negative	prior	prior	prior	6/18/20	6/26/20	N/A	N/A	N/A	N/A	N/A	N/A	
	1460	1	2	Classroom 208	yes	Column (W1)	Flaking	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	2	Classroom 208	yes	Support Pole at Coat Closet (W1)	Chipping	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	2	Classroom 208	yes	Brace (W4)	Flaking	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	2	Classroom 207	yes	W1	Flaking	Negative	6/25/20	6/26/20	6/29/20	7/2/20	7/14/20	N/A	N/A	N/A	N/A	N/A	N/A	
	1460	1	2	Classroom 207	yes	Support Pole at Coat Closet (W1)	Chipping	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	2	Classroom 207	yes	Interior Door Frame (W1)	Chipping	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	2	Classroom 207	yes	Brace (W2)	Chipping	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	2	Classroom 207	yes	Brace (W2)	Chipping	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	2	Classroom 207	yes	Column (W3)	Flaking	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	2	Classroom 207	yes	Column (W3)	Flaking	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	2	Classroom 207	yes	Column (W4)	Flaking	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	2	Classroom 210	yes	Column (W1)	Flaking	Negative	prior	prior	prior	6/18/20	6/26/20	N/A	N/A	N/A	N/A	N/A	N/A	
	1460	1	2	Classroom 210	yes	Support Pole at Coat Closet (W1)	Chipping	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	2	Classroom 210	yes	Exterior Door Frame (W1)	Chipping	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	2	Classroom 210	yes	Column (W3)	Flaking	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	2	Classroom 209	yes	W1	Flaking	Negative	6/23/20	6/23/20	6/23/20	6/29/20	7/14/20	N/A	N/A	N/A	N/A	N/A	N/A	
	1460	1	2	Classroom 209	yes	Column (W1)	Flaking	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	2	Classroom 209	yes	Interior Door Frame (W1)	Chipping	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	2	Classroom 209	yes	Column (W2)	Flaking	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	2	Classroom 209	yes	Column (W2)	Flaking	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	2	Classroom 209	yes	Column (W3)	Flaking	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	2	Classroom 209	yes	Column (W3)	Flaking	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	2	Classroom 209	yes	W4	None	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	2	Classroom 209	yes	Column (W4)	Flaking	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	2	Classroom 209	yes	Column (W4)	Flaking	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	2	Classroom 209	yes	Pipe Jacket (W4)	Chipping	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	2	Classroom 209	yes	Ceiling	Flaking	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	2	Classroom 212	yes	Support Pole at Coat Closet (W1)	Chipping	Negative	prior	prior	prior	6/24/20	6/26/20	N/A	N/A	N/A	N/A	N/A	N/A	
	1460	1	2	Classroom 212	yes	Interior Door Frame (W1)	Chipping	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	2	Classroom 212	yes	Ceiling	Flaking	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	2	Classroom 211	yes	W1	Flaking	Negative	6/28/20	6/28/20	6/29/20	7/8/20	7/14/20	N/A	N/A	N/A	N/A	N/A	N/A	
	1460	1	2	Classroom 211	yes	Column (W1)	Flaking	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	2	Classroom 211	yes	Support Pole at Coat Closet (W1)	Chipping	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	2	Classroom 211	yes	Roof Drain Pipe (W1)	Chipping	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	2	Classroom 211	yes	Hanger Flange (W1)	Chipping	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	2	Classroom 211	yes	Interior Door Frame (W1)	Chipping	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	2	Classroom 211	yes	Exterior Door Frame (W1)	Chipping	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	

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	1460	1	2	Classroom 211	yes	Column (W2)	Flaking	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	2	Classroom 211	yes	Column (W2)	Flaking	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	2	Classroom 211	yes	Column (W3)	Flaking	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	2	Classroom 211	yes	Column (W3)	Flaking	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	2	Classroom 211	yes	Column (W3)	Flaking	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	2	Classroom 211	yes	Ceiling	Flaking	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	2	Classroom 214	yes	Support Pole at Coat Closet (W1)	Chipping	Negative	6/17/20	6/17/20	6/18/20	6/23/20	6/26/20	N/A	N/A	N/A	N/A	N/A	N/A	
	1460	1	2	Classroom 214	yes	Ceiling	Flaking	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	2	Classroom 213	yes	Interior Door Frame (W1)	Chipping	Negative	6/28/20	6/28/20	6/29/20	7/2/20	7/14/20	N/A	N/A	N/A	N/A	N/A	N/A	
	1460	1	2	Stairwell A	yes	Door (W1)	Chipping	Negative	7/22/20	7/22/20	7/22/20	7/31/20	7/31/20	N/A	N/A	N/A	N/A	N/A	N/A	
	1460	1	2	Stairwell A	yes	Door Frame (W1)	Chipping	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	2	Stairwell A	yes	W2	Chipping	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	2	Stairwell A	yes	Stair Railing (W1)	Chipping	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	2	Stairwell A	yes	Stair Stringer (W1)	Chipping	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	2	Stairwell A	yes	Stair Riser (W1)	Chipping	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	2	Stairwell B	yes	Door Frame (W1)	Chipping	Negative	7/15/20	7/15/20	7/15/20	7/22/20	7/22/20	N/A	N/A	N/A	N/A	N/A	N/A	
	1460	1	1	Gym Office Restroom	yes	Ceiling	Flaking	Negative	7/9/20	7/9/20	7/9/20	7/15/20	7/15/20	N/A	N/A	N/A	N/A	N/A	N/A	
	1460	1	1	Gym Office Closet	yes	Ceiling	Flaking	Negative	7/14/20	7/14/20	7/14/20	7/15/20	7/15/20	N/A	N/A	N/A	N/A	N/A	N/A	
	1460	1	1	Water Room between Gym Office and Gym Girl's Restroom	yes	Interior Door Frame (W1)	Friction	Negative	7/1/20	7/1/20	7/1/20	7/15/20	7/15/20	N/A	N/A	N/A	N/A	N/A	N/A	
	1460	1	1	Water Room between Gym Office and Gym Girl's Restroom	yes	Ductwork at Ceiling	Flaking	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	1	Fan Room above Gym Offices and Restrooms	no	Ceiling Hatch	Chipping	Negative												
	1460	1	1	Fan Room above Gym Offices and Restrooms	no	Ductwork	Flaking	Negative												
	1460	1	1	Gym Girl's Restroom	yes	Exterior Door (W1)	Friction	Negative	7/13/20	7/13/20	7/13/20	7/15/20	7/15/20	N/A	N/A	N/A	N/A	N/A	N/A	
	1460	1	1	Gym Girl's Restroom	yes	Exterior Door Frame (W1)	Friction	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	1	Gym Girl's Restroom	yes	Exterior Door Stop (W1)	Friction	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	1	Gym Girl's Restroom	yes	W2	Friction	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	1	Gym Girl's Restroom	yes	W3	Friction	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	1	Gym Girl's Restroom	yes	Ceiling	Flaking	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	1	Gym Girl's Restroom	yes	Floor	Friction	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	1	Gym Boy's Restroom	yes	Interior Door Frame (W1)	Friction	Negative	7/14/20	7/14/20	7/14/20	7/16/20	7/16/20	N/A	N/A	N/A	N/A	N/A	N/A	
	1460	1	1	Gym Boy's Restroom	yes	Exterior Door (W1)	Friction	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	1	Gym Boy's Restroom	yes	Exterior Door Frame (W1)	Friction	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	1	Gym Boy's Restroom	yes	Exterior Door Stop (W1)	Friction	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	1	Gym Boy's Restroom	yes	W4	Flaking	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	1	Gym Boy's Restroom	yes	Ceiling	Flaking	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	1	Auditorium	yes	W1	Friction	Negative	7/15/20	7/15/20	7/15/20	7/31/20	7/31/20	N/A	N/A	N/A	N/A	N/A	N/A	
	1460	1	1	Auditorium	yes	Round column	Friction	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	1	Auditorium	yes	W2	Friction	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	1	Auditorium	yes	W4	Friction	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	1	Auditorium	yes	Lower Ceiling	Flaking	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	1	Former Men's Restroom near Auditorium	no	Ceiling	Flaking	Negative	7/6/20	7/6/20	7/7/20	7/9/20	7/9/20	N/A	N/A	N/A	N/A	N/A	N/A	



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Task ID	ULCS#	E l e m e n t	F l o o r	On Site Room Name	Student/ Teacher Occupied	Component	Description of Paint and Plaster Damage	XRF (positive/ negative)	Pre-Cleaning Completed (date)	Contents Moved (date)	Work Area Prepped (date)	Surfaces Stabilized (date)	Contents Back in Place (date)	Final Inspection Approval and Photos (date)	Square Footage of Work Area	Number of Required RRP Wipes	Number of Colorimetric Wipes Used to Pass	Final Colorimetric Wipe Submitted for AAS Analysis (yes/no)	AAS Analysis Results	Comments from Assessment
	1460	1	1	Former Women's Restroom and Former Security Office near Auditorium	no	W1	Friction	Negative	7/6/20	7/6/20	7/9/20	7/10/20	7/10/20	N/A	N/A	N/A	N/A	N/A	N/A	
	1460	1	1	Former Women's Restroom and Former Security Office near Auditorium	no	Interior Door Frame (W1)	Friction	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	1	Classroom 100	yes	W1	Friction	Negative	6/25/20	6/25/20	6/26/20	7/1/20	7/16/20	N/A	N/A	N/A	N/A	N/A	N/A	
	1460	1	1	Classroom 100	yes	Column (W1)	Flaking	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	1	Classroom 100	yes	Interior Door Frame (W1)	Chipping	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	1	Classroom 100	yes	Column (W3)	Flaking	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	1	Classroom 100	yes	Column (W4)	Flaking	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	1	Classroom 100	yes	Ceiling	Flaking	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	1	Principal's Office Restroom	yes	W2	Flaking	Negative	7/13/20	7/13/20	7/13/20	7/15/20	7/15/20	N/A	N/A	N/A	N/A	N/A	N/A	
	1460	1	1	Main Office	yes	W1	Friction	Negative	7/8/20	7/8/20	7/8/20	7/15/20	7/16/20	N/A	N/A	N/A	N/A	N/A	N/A	
	1460	1	1	Main Office	yes	Window Sill (W1)	Chipping	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	1	Main Office	yes	Ceiling	Flaking	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	1	Main Office Conference Room	yes	Interior Door Frame (W1)	Chipping	Negative	7/7/20	7/7/20	7/7/20	7/15/20	7/16/20	N/A	N/A	N/A	N/A	N/A	N/A	
	1460	1	1	Office between Main Office Conference Room and Nurse's Office	yes	Column (W3)	Chipping	Negative	7/8/20	7/8/20	7/8/20	7/15/20	7/16/20	N/A	N/A	N/A	N/A	N/A	N/A	
	1460	1	1	Office between Main Office Conference Room and Nurse's Office	yes	Pipe Jacket (W3)	Flaking	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	1	Storage Room between Main Office Telecommunication Equipment Room and Nurse's Office	yes	Floor	Friction	Negative	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	1460	1	1	Nurse's Office	yes	W2	Friction	Negative	7/7/20	7/7/20	7/8/20	7/15/20	7/16/20	N/A	N/A	N/A	N/A	N/A	N/A	
	1460	1	1	Nurse's Office	yes	W4	Friction	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	1	Nurse's Office Restroom	yes	W3	Flaking	Negative	7/7/20	7/7/20	7/8/20	7/15/20	7/15/20	N/A	N/A	N/A	N/A	N/A	N/A	
	1460	1	1	Nurse's Office Restroom	yes	W4	Flaking	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	1	Storage Room between Elevator and Women's Restroom	yes	Steam Pipe (W1)	Flaking	Negative												
	1460	1	1	Storage Room between Elevator and Women's Restroom	yes	Floor	Friction	Negative												
	1460	1	1	Boy's Restroom	yes	W1	Flaking	Negative	7/2/20	7/2/20	7/6/20	7/10/20	7/10/20	N/A	N/A	N/A	N/A	N/A	N/A	
	1460	1	1	Boy's Restroom	yes	W2	Flaking	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	1	Boy's Restroom	yes	W3	Flaking	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	1	Boy's Restroom	yes	Pipe Chase Door Frame (W4)	Flaking	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	1	Boy's Restroom	yes	Ceiling	Flaking	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	1	Boy's Restroom	yes	Floor	Friction	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	1	Girl's Restroom	yes	W1	Flaking	Negative	7/27/20	7/27/20	7/27/20	7/31/20	7/31/20	N/A	N/A	N/A	N/A	N/A	N/A	
	1460	1	1	Girl's Restroom	yes	W1	Flaking	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	1	Girl's Restroom	yes	W2	Flaking	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	1	Girl's Restroom	yes	W3	Flaking	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	1	Girl's Restroom	yes	W4	Flaking	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	1	Girl's Restroom	yes	Ceiling	Flaking	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	1	Girl's Restroom	yes	Floor	Friction	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	1	Men's Restroom	yes	W2	Flaking	Negative	7/22/20	7/22/20	7/22/20	7/24/20	7/24/20	N/A	N/A	N/A	N/A	N/A	N/A	
	1460	1	1	Women's Restroom	yes	W3	Friction	Negative	7/23/20	7/23/20	7/23/20	7/31/20	7/31/20	N/A	N/A	N/A	N/A	N/A	N/A	
	1460	1	1	Women's Restroom	yes	W4	Flaking	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	1	Women's Restroom	yes	Ceiling	Flaking	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	
	1460	1	1	Classroom 102	yes	W1	Friction	Negative	6/23/30	6/23/20	6/24/20	6/26/20	7/20/20	N/A	N/A	N/A	N/A	N/A	N/A	
	1460	1	1	Classroom 102	yes	Support Pole at Coat Closet (W1)	Chipping	Positive	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	

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Task ID	ULCS#	E l e m e n t	F l o o r	On Site Room Name	Student/ Teacher Occupied	Component	Description of Paint and Plaster Damage	XRF (positive/negative)	Pre-Cleaning Completed (date)	Contents Moved (date)	Work Area Prepped (date)	Surfaces Stabilized (date)	Contents Back in Place (date)	Final Inspection Approval and Photos (date)	Square Footage of Work Area	Number of Required RRP Wipes	Number of Colorimetric Wipes Used to Pass	Final Colorimetric Wipe Submitted for AAS Analysis (yes/no)	AAS Analysis Results	Comments from Assessment	
	1460	1	1	Hallway outside Main Office to Classroom 108	yes	Ceiling	Flaking	Negative	7/22/20	7/22/20	7/22/20	7/31/20	7/31/20	N/A	N/A	N/A	N/A	N/A	N/A		
	1460	1	1	Stairwell A	yes	Door (W1)	Chipping	Negative	7/22/20	7/22/20	7/22/20	7/31/20	7/31/20	N/A	N/A	N/A	N/A	N/A	N/A		
	1460	1	1	Stairwell A	yes	Door Frame (W1)	Chipping	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above		
	1460	1	1	Stairwell A	yes	W2	Chipping	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above		
	1460	1	1	Stairwell A	yes	Exit Door (W3)	Chipping	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above		
	1460	1	1	Stairwell A	yes	Exit Door Frame (W3)	Chipping	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above		
	1460	1	1	Stairwell A	yes	Stair Railing towards the exit	Chipping	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above		
	1460	1	1	Stairwell B	yes	Metal support at ceiling by Exit doors	Flaking	Positive	7/15/20	7/15/20	7/15/20	7/22/20	7/22/20	N/A	N/A	N/A	N/A	N/A	N/A		
	1460	1	1	Stairwell B	yes	Stair Riser	Friction	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above		
	1460	1	B	Building Engineer's Office Restroom	no	Floor	Friction	Negative	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
	1460	1	B	Emergency Generator Room	no	Column (W1)	Flaking	Negative	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
	1460	1	B	Emergency Generator Room	no	Door (W1)	Flaking	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above		
	1460	1	B	Hallway from Boiler Room to Stairwell B	no	W2	Flaking	Negative	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
	1460	1	B	Hallway from Boiler Room to Stairwell B	no	W3	Flaking	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above		
	1460	1	B	Hallway from Boiler Room to Stairwell B	no	W4	Flaking	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above		
	1460	1	B	Storage Room between Electrical Room and Emergency Generator Room	no	Door Frame (W1)	Flaking	Negative	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
	1460	1	B	Electrical Room	no	Door Frame (W1)	4	Negative	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
	1460	1	B	Boiler Room	no	W1	Flaking	Negative	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
	1460	1	B	Boiler Room	no	W2	Flaking	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above		
	1460	1	B	Boiler Room	no	W3	Flaking	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above		
	1460	1	B	Boiler Room	no	W4	Flaking	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above		
	1460	1	B	Boiler Room	no	Column (W4)	Flaking	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above		
	1460	1	B	Boiler Room	no	Column (W4)	Flaking	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above		
	1460	1	B	Stairwell B	no	W1	Flaking	Negative	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
	1460	1	B	Stairwell B	no	W2	None	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above		
	1460	1	B	Stairwell B	no	W3	None	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above		
	1460	1	B	Stairwell B	no	W4	None	Negative	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above		
	1460	1	B	Stairwell B	no	Stair	Flaking	Positive	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above	see above		

***Appendix D. Sample Results Table***

Room	Component	Result
Classroom 105	Wall	5.08 µg/ft <sup>2</sup>

## ***Appendix E. Photographs***







***Appendix F. Environmental Firm Certification Documentation of Training***

# ***CRITERION LABORATORIES, INC.***

400 STREET ROAD, BENSALEM, PA 19020  
PHONE: (215) 244-1300, FAX: (215) 244-4349  
WWW.CRITERIONLABS.COM

## ***Certificate of Attendance and Successful Completion***

**Dust Sampling Technician – English**  
Per 40 CFR Part 745.225

***Emma Pike***

806 N. 19th Street, Philadelphia, PA 19130

Certificate Number: D-I-19014-20-751197



*Course Date: 6/9/2020*  
*Examination Date: 6/9/2020*  
*Expiration Date: 6/9/2025*

A handwritten signature in black ink, appearing to read 'J. Weltz'.

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**JAMES A. WELTZ, CIH**  
*Training Manager / Principal Instructor*

# ***CRITERION LABORATORIES, INC.***

400 STREET ROAD, BENSALEM, PA 19020  
PHONE: (215) 244-1300, FAX: (215) 244-4349  
WWW.CRITERIONLABS.COM

## ***Certificate of Attendance and Successful Completion***

**Lead RRP Initial – English**  
**Per 40 CFR Part 745.225**

***Emma Pike***

**806 N. 19th Street, Philadelphia, PA 19130**

**Certificate Number: R-I-19014-20-751190**



***Course Date: 6/8/2020***  
***Examination Date: 6/8/2020***  
***Expiration Date: 6/8/2025***

A handwritten signature in black ink, appearing to read 'J. Weltz'.

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**JAMES A. WELTZ, CIH**  
***Training Manager / Principal Instructor***

## ***Appendix G. Painting Contractor Certifications or Documentation of Training***

# Comprehensive List of Philadelphia School District Employees with EPA RRP Training

First Name	Last Name	Course Description	Course End Date	Expiration Date
Kyle	Adami	EPA-Lead Renovator Refresher	09-Mar-15	09-Mar-20
Marcel	Allen	EPA-Lead Renovator Refresher	28-Apr-15	28-Apr-20
James	Archie	EPA-Lead Renovator Refresher	09-Mar-15	09-Mar-20
Demetrius	Atwell	EPA-Lead Renovator Initial	17-Nov-17	17-Nov-22
Samuel	Atwell	EPA-Lead Renovator Initial	17-Nov-17	17-Nov-22
Shawn	Baldwin	EPA-Lead Renovator Initial	01-Apr-15	01-Apr-20
Michael	Baranek	EPA-Lead Renovator Refresher	09-Mar-15	09-Mar-20
Chris	Bartella	EPA-Lead Renovator Refresher	21-May-15	21-May-20
Chris	Bendig	EPA-Lead Renovator Refresher	10-Mar-15	10-Mar-20
Michael	Bennett	EPA-Lead Renovator Refresher	09-Mar-15	09-Mar-20
Gino	Berardinucci	EPA-Lead Renovator Refresher	21-May-15	21-May-20
Jessica	Binda-Rischow	EPA-Lead Renovator Initial	20-Apr-18	20-Apr-23
Terrence	Blocker	EPA-Lead Renovator Initial	01-Apr-15	01-Apr-20
Damian	Boninfante	EPA-Lead Renovator Refresher	19-Mar-15	19-Mar-20
James	Borie	EPA-Lead Renovator Refresher	09-Mar-15	09-Mar-20
Joe	Bowes	EPA-Lead Renovator Refresher	09-Mar-15	09-Mar-20
Rhett	Boykins	EPA-Lead Renovator Initial	03-Nov-17	03-Nov-22
Robert	Broadnax	EPA-Lead Renovator Initial	20-Apr-18	20-Apr-23
Philip	Burton	EPA-Lead Renovator Refresher	02-Apr-15	02-Apr-20
Randy	Bushnell	EPA-Lead Renovator Refresher	02-Apr-15	02-Apr-20
Okang	Cambridge	EPA-Lead Renovator Initial	17-Nov-17	17-Nov-22
Michael	Cancelliere	EPA-Lead Renovator Refresher	10-Mar-15	10-Mar-20
Anthony	Carruth	EPA-Lead Renovator Refresher	09-Mar-15	09-Mar-20
Thomas	Casey	EPA-Lead Renovator Refresher	09-Mar-15	09-Mar-20
Gabrielle	Cecala	EPA-Lead Renovator Initial	17-Nov-17	17-Nov-22
Anthony	Cecala	EPA-Lead Renovator Refresher	19-Mar-15	19-Mar-20
Brian	Chambers	EPA-Lead Renovator Refresher	09-Mar-15	09-Mar-20
Suzette	Christian	EPA-Lead Renovator Initial	17-Nov-17	17-Nov-22
Rich	Ciuckis	EPA-Lead Renovator Refresher	09-Mar-15	09-Mar-20
Michael	Clark	EPA-Lead Renovator Initial	01-Apr-15	01-Apr-20
Harold	Clark, Jr.	EPA-Lead Renovator Refresher	09-Mar-15	09-Mar-20
Joseph	Clemson	EPA-Lead Renovator Refresher	09-Mar-15	09-Mar-20
Brian	Cook	EPA-Lead Renovator Refresher	09-Mar-15	09-Mar-20
Jeff	Cook	EPA-Lead Renovator Refresher	09-Mar-15	09-Mar-20
Kevin	Courtney	EPA-Lead Renovator Initial	20-Apr-18	20-Apr-23
Jahmai	Crawley	EPA-Lead Renovator Initial	03-Nov-17	03-Nov-22
Timothy	Creighton	EPA-Lead Renovator Initial	17-Nov-17	17-Nov-22
Steven	Creighton	EPA-Lead Renovator Refresher	10-Mar-15	10-Mar-20
Joe	Curran	EPA-Lead Renovator Refresher	10-Mar-15	10-Mar-20
Kevin	Curry	EPA-Lead Renovator Refresher	28-Apr-15	28-Apr-20
Demetrius	Dancey	EPA-Lead Renovator Initial	01-Apr-15	01-Apr-20

Fran	Davis	EPA-Lead Renovator Refresher	19-Mar-15	19-Mar-20
James	Davis (diff emp.)	EPA-Lead Renovator Refresher	19-Mar-15	19-Mar-20
Edmund	Davis, Jr.	EPA-Lead Renovator Initial	20-Mar-18	20-Mar-23
Anthony	Devlin	EPA-Lead Renovator Refresher	02-Apr-15	02-Apr-20
Ken	Dickson	EPA-Lead Renovator Initial	11-Aug-14	11-Aug-19
Mark	DiGiambattista	EPA-Lead Renovator Initial	01-Apr-15	01-Apr-20
Steve	Dolan	EPA-Lead Renovator Refresher	19-Mar-15	19-Mar-20
Stephen	DuBan	EPA-Lead Renovator Refresher	20-Mar-15	20-Mar-20
James	Dugan	EPA-Lead Renovator Refresher	19-Mar-15	19-Mar-20
Mark	Dugan	EPA-Lead Renovator Refresher	09-Mar-15	09-Mar-20
Donald	Eife	EPA-Lead Renovator Refresher	19-Mar-15	19-Mar-20
George	Faccenda	EPA-Lead Renovator Refresher	20-Mar-15	20-Mar-20
Anthony	Fiore	EPA-Lead Renovator Refresher	09-Mar-15	09-Mar-20
Bill	Flanigan	EPA-Lead Renovator Refresher	10-Mar-15	10-Mar-20
Michael	Flannery Sr.	EPA-Lead Renovator Refresher	09-Mar-15	09-Mar-20
Joseph	Flannery, Jr.	EPA-Lead Renovator Initial	20-Apr-18	20-Apr-23
David	Foster	EPA-Lead Renovator Refresher	10-Mar-15	10-Mar-20
Anthony	Gajdowski	EPA-Lead Renovator Initial	30-Jul-14	30-Jul-19
Joseph	Gallagher	EPA-Lead Renovator Refresher	10-Mar-15	10-Mar-20
Stephen	Gallagher	EPA-Lead Renovator Initial	11-Aug-14	11-Aug-19
Harold	Ganskopp, Jr.	EPA-Lead Renovator Refresher	09-Mar-15	09-Mar-20
Ralph	Garcia	EPA-Lead Renovator Refresher	19-Mar-15	19-Mar-20
James	Garofolo	EPA-Lead Renovator Refresher	10-Mar-15	10-Mar-20
John	Genovese	EPA-Lead Renovator Refresher	10-Mar-15	10-Mar-20
Joe	George	EPA-Lead Renovator Initial	20-Apr-18	20-Apr-23
Thomas	Gibson	EPA-Lead Renovator Refresher	10-Mar-15	10-Mar-20
John	Gidzinski	EPA-Lead Renovator Initial	01-Apr-15	01-Apr-20
James	Gillice	EPA-Lead Renovator Refresher	09-Mar-15	09-Mar-20
Melvin	Goins	EPA-Lead Renovator Initial	17-Nov-17	17-Nov-22
Damon	Gonzaga	EPA-Lead Renovator Initial	11-Aug-14	11-Aug-19
Raynaldo	Gonzalez	EPA-Lead Renovator Initial	17-Nov-17	17-Nov-22
John	Gordon	EPA-Lead Renovator Initial	01-Apr-15	01-Apr-20
Frank	Gosciminski	EPA-Lead Renovator Refresher	19-Mar-15	19-Mar-20
Kwamie	Grove	EPA-Lead Renovator Initial	11-Aug-14	11-Aug-19
Ron	Hackimer	EPA-Lead Renovator Refresher	10-Mar-15	10-Mar-20
Richard	Hagenbuch	EPA-Lead Renovator Refresher	19-Mar-15	19-Mar-20
James	Hall	EPA-Lead Renovator Initial	11-Jul-18	11-Jul-23
David	Hampton Jr.	EPA-Lead Renovator Refresher	21-May-15	21-May-20
Gerard	Harkins	EPA-Lead Renovator Refresher	02-Apr-15	02-Apr-20
Erica	Hickey	EPA-Lead Renovator Initial	20-Mar-18	3/20/2023
Wayne	Hogeland	EPA-Lead Renovator Refresher	19-Mar-15	19-Mar-20
Timothy	Holman	EPA-Lead Renovator Refresher	19-Mar-15	19-Mar-20
Durelle	Holmes	EPA-Lead Renovator Initial	20-Mar-18	20-Mar-23

Richard	Houck	EPA-Lead Renovator Refresher	10-Mar-15	10-Mar-20
Alfred	Howard	EPA-Lead Renovator Initial	20-Mar-18	20-Mar-23
Wayne	Howard	EPA-Lead Renovator Initial	01-Apr-15	01-Apr-20
Timothy	Humes	EPA-Lead Renovator Refresher	19-Mar-15	19-Mar-20
Lance	Jackson	EPA-Lead Renovator Refresher	10-Mar-15	10-Mar-20
Eric	Johnson	EPA-Lead Renovator Refresher	28-Apr-15	28-Apr-20
James	Johnson	EPA-Lead Renovator Refresher	19-Mar-15	19-Mar-20
Jimmie	Johnson	EPA-Lead Renovator Refresher	19-Mar-15	19-Mar-20
Walter	Johnson	EPA-Lead Renovator Refresher	19-Mar-15	19-Mar-20
Donald	Johnson Jr.	EPA-Lead Renovator Refresher	19-Mar-15	19-Mar-20
Jesse	Jones	EPA-Lead Renovator Initial	11-Aug-14	11-Aug-19
Gerald	Joniec	EPA-Lead Renovator Refresher	21-May-15	21-May-20
Brian	Joseph	EPA-Lead Renovator Refresher	28-Apr-15	28-Apr-20
Anthony	Jubilee	EPA-Lead Renovator Refresher	19-Mar-15	19-Mar-20
Gerald	Junod	EPA-Lead Renovator Refresher	28-Apr-15	28-Apr-20
Joe	Kehoe	EPA-Lead Renovator Initial	01-Apr-15	01-Apr-20
John	Kenney	EPA-Lead Renovator Refresher	19-Mar-15	19-Mar-20
Mary	Koehler	EPA-Lead Renovator Refresher	02-Apr-15	02-Apr-20
Richard	Kovacs	EPA-Lead Renovator Initial	20-Apr-18	20-Apr-23
John	Krol	EPA-Lead Renovator Refresher	19-Mar-15	19-Mar-20
Michael	Leone	EPA-Lead Renovator Refresher	02-Apr-15	02-Apr-20
George	Leone	EPA-Lead Renovator Initial	11-Aug-14	11-Aug-19
Richard	Lepore	EPA-Lead Renovator Initial	20-Apr-18	20-Apr-23
Walter	Lipski	EPA-Lead Renovator Refresher	19-Mar-15	19-Mar-20
David	Loftus	EPA-Lead Renovator Refresher	09-Mar-15	09-Mar-20
Eloy	Lopez Jr.	EPA-Lead Renovator Refresher	20-Mar-15	20-Mar-20
Augustus	Lover, III	EPA-Lead Renovator Initial	20-Apr-18	20-Apr-23
Michael	Lowe	EPA-Lead Renovator Refresher	21-May-15	21-May-20
Harry	Lowe, Jr.	EPA-Lead Renovator Initial	20-Apr-18	20-Apr-23
Kenneth	Mack	EPA-Lead Renovator Initial	01-Apr-15	01-Apr-20
Thomas	Malkowski	EPA-Lead Renovator Refresher	10-Mar-15	10-Mar-20
Thomas	Malkowski, Jr.	EPA-Lead Renovator Initial	03-Nov-17	03-Nov-22
Kevin	Malone	EPA-Lead Renovator Refresher	19-Mar-15	19-Mar-20
Dante	Mancini	EPA-Lead Renovator Refresher	28-Apr-15	28-Apr-20
Stephen	Manna	EPA-Lead Renovator Initial	20-Apr-18	20-Apr-23
Charles	Markey	EPA-Lead Renovator Refresher	19-Mar-15	19-Mar-20
Derrick	Matthews	EPA-Lead Renovator Initial	01-Apr-15	01-Apr-20
Benedict	Matthews	EPA-Lead Renovator Refresher	20-Mar-15	20-Mar-20
Kevin	McAfee	EPA-Lead Renovator Initial	30-Jul-14	30-Jul-19
Gerard	McAnena	EPA-Lead Renovator Refresher	19-Mar-15	19-Mar-20
Jim	McBride	EPA-Lead Renovator Refresher	19-Mar-15	19-Mar-20
John	McFarlane	EPA-Lead Renovator Refresher	10-Mar-15	10-Mar-20
Mikkel	McKinnie	EPA-Lead Renovator Initial	01-Apr-15	01-Apr-20

Patrick	McMahon	EPA-Lead Renovator Refresher	02-Apr-15	02-Apr-20
Pat	McMahon	EPA-Lead Renovator Initial	11-Aug-14	11-Aug-19
Matthew	Melady	EPA-Lead Renovator Refresher	28-Apr-15	28-Apr-20
Joe	Mellina Jr.	EPA-Lead Renovator Refresher	19-Mar-15	19-Mar-20
Harry	Milbourne	EPA-Lead Renovator Initial	30-Jul-14	30-Jul-19
Christopher	Moore	EPA-Lead Renovator Refresher	19-Mar-15	19-Mar-20
Mike	Moore	EPA-Lead Renovator Refresher	10-Mar-15	10-Mar-20
Mike	Moore	EPA-Lead Renovator Refresher	10-Mar-15	10-Mar-20
Earl	Morris	EPA-Lead Renovator Refresher	20-Mar-15	20-Mar-20
William	Muller	EPA-Lead Renovator Refresher	20-Mar-15	20-Mar-20
Jorge	Naveiro	EPA-Lead Renovator Initial	17-Nov-17	17-Nov-22
Richard	Nedorost	EPA-Lead Renovator Refresher	10-Mar-15	10-Mar-20
Ernest	Neven	EPA-Lead Renovator Initial	20-Mar-18	20-Mar-23
Scott	Ovington	EPA-Lead Renovator Refresher	28-Apr-15	28-Apr-20
Benjamin	Pak	EPA-Lead Renovator Initial	20-Apr-18	20-Apr-23
Vernon	Palmer	EPA-Lead Renovator Initial	01-Apr-15	01-Apr-20
Derek	Parker	EPA-Lead Renovator Refresher	20-Mar-15	20-Mar-20
Percy	Payno	EPA-Lead Renovator Initial	01-Apr-15	01-Apr-20
Jose	Perez	EPA-Lead Renovator Refresher	20-Mar-15	20-Mar-20
Edward	Perks	EPA-Lead Renovator Refresher	09-Mar-15	09-Mar-20
Salvatore	Perrone	EPA-Lead Renovator Refresher	20-Mar-15	20-Mar-20
John	Pilotti	EPA-Lead Renovator Refresher	10-Mar-15	10-Mar-20
Alfred	Pizzo	EPA-Lead Renovator Initial	20-Apr-18	20-Apr-23
James	Pizzo	EPA-Lead Renovator Initial	20-Mar-18	20-Mar-23
Ernest	Purvis	EPA-Lead Renovator Refresher	10-Mar-15	10-Mar-20
Kevin	Quigley	EPA-Lead Renovator Refresher	10-Mar-15	10-Mar-20
Luke	Quinn	EPA-Lead Renovator Refresher	20-Mar-15	20-Mar-20
Fred	Raskay	EPA-Lead Renovator Initial	20-Apr-18	20-Apr-23
Frank	Ratka, II	EPA-Lead Renovator Initial	20-Apr-18	20-Apr-23
Pat	Raynor	EPA-Lead Renovator Refresher	19-Mar-15	19-Mar-20
Jim	Reick	EPA-Lead Renovator Refresher	10-Mar-15	10-Mar-20
Michael	Reilly	EPA-Lead Renovator Refresher	10-Mar-15	10-Mar-20
Eric	Ricchezza	EPA-Lead Renovator Refresher	10-Mar-15	10-Mar-20
Shawn	Robinson	EPA-Lead Renovator Initial	01-Apr-15	01-Apr-20
Joseph	Ryan	EPA-Lead Renovator Refresher	10-Mar-15	10-Mar-20
Salvatore	Sansone	EPA-Lead Renovator Refresher	20-Mar-15	20-Mar-20
William	Savage	EPA-Lead Renovator Initial	20-Mar-18	20-Mar-23
Bruce	Savage	EPA-Lead Renovator Refresher	10-Mar-15	10-Mar-20
Ricky	Scarbrough, Sr.	EPA-Lead Renovator Refresher	09-Mar-15	09-Mar-20
Jeff	Schillig	EPA-Lead Renovator Refresher	20-Mar-15	20-Mar-20
Steven	Schmidt	EPA-Lead Renovator Refresher	02-Apr-15	02-Apr-20
Harry	Schmitt	EPA-Lead Renovator Refresher	19-Mar-15	19-Mar-20
Jeff	Scott	EPA-Lead Renovator Refresher	19-Mar-15	19-Mar-20



Tom	Sharer	EPA-Lead Renovator Refresher	20-Mar-15	20-Mar-20
David	Sienko	EPA-Lead Renovator Initial	17-Nov-17	17-Nov-22
Frank	Sienko	EPA-Lead Renovator Refresher	02-Apr-15	02-Apr-20
Gregory	Smith	EPA-Lead Renovator Refresher	19-Mar-15	19-Mar-20
William	Soda	EPA-Lead Renovator Initial	20-Apr-18	20-Apr-23
Raymond	Solley	EPA-Lead Renovator Refresher	20-Mar-15	20-Mar-20
Lukose	Solomon	EPA-Lead Renovator Refresher	21-May-15	21-May-20
Joseph	Stewart	EPA-Lead Renovator Refresher	21-May-15	21-May-20
Frank	Stramitis	EPA-Lead Renovator Refresher	10-Mar-15	10-Mar-20
Mario	Tamborello	EPA-Lead Renovator Initial	11-Aug-14	11-Aug-19
Christopher	Taylor	EPA-Lead Renovator Initial	30-Jul-14	30-Jul-19
Harry	Thomson	EPA-Lead Renovator Refresher	09-Mar-15	09-Mar-20
Ray	Tierney	EPA-Lead Renovator Refresher	02-Apr-15	02-Apr-20
Vincent	Tonelli	EPA-Lead Renovator Initial	17-Nov-17	17-Nov-22
Vincent	Trasatti	EPA-Lead Renovator Initial	20-Apr-18	20-Apr-23
Richard	Tremonte	EPA-Lead Renovator Refresher	20-Mar-15	20-Mar-20
Nicholas	Umile	EPA-Lead Renovator Initial	17-Nov-17	17-Nov-22
Gerald	Watson	EPA-Lead Renovator Refresher	19-Mar-15	19-Mar-20
Tim	Weicker	EPA-Lead Renovator Initial	20-Apr-18	20-Apr-23
Stephen	Weiss	EPA-Lead Renovator Initial	17-Nov-17	17-Nov-22
George	Weissman	EPA-Lead Renovator Initial	17-Nov-17	17-Nov-22
Lee	White, II	EPA-Lead Renovator Initial	20-Apr-18	20-Apr-23
William	Wilson	EPA-Lead Renovator Refresher	09-Mar-15	09-Mar-20
Timothy	Witczak	EPA-Lead Renovator Refresher	09-Mar-15	09-Mar-20
Denice	Witkowski	EPA-Lead Renovator Initial	17-Nov-17	17-Nov-22
Robert	Yerkov	EPA-Lead Renovator Refresher	10-Mar-15	10-Mar-20
Tim	Yust	EPA-Lead Renovator Refresher	10-Mar-15	10-Mar-20
Eric	Zeoli	EPA-Lead Renovator Refresher	10-Mar-15	10-Mar-20