Lead Paint Survey

Building 1860 Roof Repairs
MCB Camp Lejeune
Project # 25-0004

Report Prepared By:
Christopher B. Walker
The Walker Group Architecture, Inc

April 2nd, 2026
WGA Project No. – 2601.1860

Project Information

The Walker Group Architecture, Inc. was contracted by NRW Engineering to conduct a lead sampling survey for Building 1860 at Marine Corps Base Camp Lejeune. The specified structure is slated for complete removal and replacement of the existing modified bitumen roof system. The survey was conducted to determine if building components were coated with lead-based paint.

Scope of Services

A. The survey was performed on 02/10/2026 by Christopher B. Walker (NC Accredited Lead Inspector #110239 expires August 31st, 2026. Samples were collected from areas defined by the scope of work.

Findings

A. The Walker Group Architecture collected paint chip samples from each surface visibly coated with a different color of paint and delivered them to EMSL Analytical, Inc. (AIHA ELLAP lab code no. 102564) for analysis for lead content by Flame AAS (SW 846 3050B*/7420) in accordance with EPA 3050B/Modified/7000B. OSHA 29 CFR 1926.62 defines any detectable level of lead in paint a concern when renovations/demolitions will impact lead coated surfaces.

B. The detection limit is determined by weight of the sample, which is typically 0.01%. See attached Lab Results for additional information.

Building Description and Findings

Structure SAS189A is a nonactive outdoor shooting range. The structure comprises of (2) side wood and earth filled berm walls and an overhead steel structure that supports an acoustical baffle system. There is steel bullet trap with an integrated metal roof system. The walls are a combination of baffle system, and insulation on metal framing.

Laboratory Results

Suspect Material Sampled	Location	Condition	Concentration % by Weight
Gray Exterior Metal Ladder	**Exterior Low to High Roof Ladder**	**Intact**	**0.0984%**

Based on the sample analysis, the following coatings should be considered Lead Based Paint.

Gray Exterior Metal Ladder

Location

Recommendations

A. Any demolition/renovation work in which lead coated surfaces are disturbed must be in compliance with all Federal, State, and Local regulations. All work should be conducted by workers trained in "lead safe practices" as outlined by OSHA.

B. If additional suspect materials are discovered during demolition/renovation, they should be classified presumed to contain lead-based paint until sampling by a state of North Carolina licensed Lead Inspector personnel and analysis by an Accredited and state of North Carolina licensed laboratory can be performed.

See attached for Plan Locations, Lead Laboratory Results, and Chain of Custody.

If further information is required, please contact me at 1-252-636-8778

Report Prepared by:

Christopher B. Walker
North Carolina Lead Inspector Accreditation# 110239
The Walker Group Architecture, Inc.

PO Box 541
New Bern, NC 28560

NC DEPARTMENT OF
HEALTH AND
HUMAN SERVICES

ROY COOPER • Governor
KODY H. KINSLEY • Secretary
MARK T. BENTON • Chief Deputy Secretary for Health
KELLY KIMPLE • Acting Director, Division of Public Health

August 18, 2025

Christopher B Walker
103 Conner Grant Rd
New Bern, NC 28562

Dear Mr. Walker:

The Health Hazards Control Unit (HHCU) has determined that you have fulfilled the application requirements and are eligible for lead certification as a(n) INSPECTOR. Your assigned Inspector certification number is 110239, which is reflected on your enclosed North Carolina Lead Certification card. The State requires that all persons conducting regulated lead-based paint activities be certified and have their identification card on-site.

A "Lead-Based Paint Activity Summary" shall be submitted to the HHCU by the certified inspector or risk assessor within 45 days of each inspection, risk assessment, or lead hazard screen conducted. The information shall be submitted on a form provided or approved by the Program, per 10A NCAC 41C .0807(b), Lead-Based Paint Hazard Management Program Rules.

Accredited refresher training must be completed at least every 24 months from the date of the last accredited training course **AND** within twelve months prior to applying for certification. The HHCU strongly recommends that individuals note the date of certification expiration and ensure all refresher training meets the above requirements.

Your North Carolina Inspector certification will expire on AUGUST 31, 2026. It is NOT the policy of the HHCU to issue renewal notices. If you wish to continue working as a(n) Inspector after this expiration date, you must successfully complete the required training and submit a completed application to this office prior to August 31, 2026. If you should perform lead-based paint activities as a(n) Inspector without a valid North Carolina certification, you will be in violation of State regulations and may be cited for noncompliance.

If you have any questions, please contact our office at (919) 707-5954.

Sincerely,

Ed Norman
Program Manager
Health Hazards Control Unit

Enclosure

NC DEPARTMENT OF HEALTH AND HUMAN SERVICES . DIVISION OF PUBLIC HEALTH

LOCATION: 5505 Six Forks Road, Building 1, Raleigh, NC 27609
MAILING ADDRESS: 1912 Mail Service Center, Raleigh, NC 27699-1912
www.ncdhhs.gov . TEL: 919-707-5950 . FAX: 919-870-4808

AN EQUAL OPPORTUNITY / AFFIRMATIVE ACTION EMPLOYER

NC DEPARTMENT OF
HEALTH AND
HUMAN SERVICES

ROY COOPER • Governor
KODY H. KINSLEY • Secretary
MARK T. BENTON • Chief Deputy Secretary for Health
KELLY KIMPLE • Acting Director, Division of Public Health

July 1, 2025

Chris Walker
Walker Group Architecture Inc
409 Broad St
New Bern NC 28560-

Dear Walker:

Based upon the review of your Lead Firm Certification application, the Health Hazards Control Unit (HHCU) has determined that you have fulfilled the requirements and are eligible for Lead Firm Certification. Your assigned certification number is FPB-0329, which is reflected on your enclosed North Carolina Lead Firm Certification certificate.

Your North Carolina Firm Certification will expire on July 31, 2026. It is not the policy of the HHCU to issue renewal notices. If you wish to remain a certified firm after this expiration date, you must submit a completed application to this office prior to July 31, 2026. If you should continue to perform lead-based paint activities without a valid North Carolina firm certification, you will be in violation of State regulations and may be cited for noncompliance.

If you have any questions, please contact the HHCU at (919) 707-5950.

Sincerely,

Ed Norman
Program Manager
Health Hazards Control Unit

Enclosure

NC DEPARTMENT OF HEALTH AND HUMAN SERVICES . DIVISION OF PUBLIC HEALTH

LOCATION: 5505 Six Forks Road, Building 1, Raleigh, NC 27609
MAILING ADDRESS: 1912 Mail Service Center, Raleigh, NC 27699-1912
www.ncdhhs.gov . TEL: 919-707-5950 . FAX: 919-870-4808

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AIHA Laboratory Accreditation Programs, LLC

acknowledges that

EMSL Analytical, Inc.

706 Gralin Street Kernersville, NC 27284

Laboratory ID: LAP-102564

along with all premises from which key activities are performed, as listed above, has fulfilled the requirements of the AIHA Laboratory Accreditation Programs, LLC (AIHA LAP) accreditation to the ISO/IEC 17025:2017 international standard, General Requirements for the Competence of Testing and Calibration Laboratories in the following:

LABORATORY ACCREDITATION PROGRAMS

☐	INDUSTRIAL HYGIENE	Accreditation Expires:
☑	ENVIRONMENTAL LEAD	Accreditation Expires: June 01, 2026
☑	ENVIRONMENTAL MICROBIOLOGY	Accreditation Expires: June 01, 2026
☐	FOOD	Accreditation Expires:
☐	UNIQUE SCOPES	Accreditation Expires:
☐	BE FIELD/MOBILE	Accreditation Expires:

Specific Field(s) of Testing/Method(s) within each Accreditation Program for which the above named laboratory maintains accreditation is outlined on the attached Scope of Accreditation. Continued accreditation is contingent upon successful on-going compliance with ISO/IEC 17025:2017 and AIHA LAP requirements. This certificate is not valid without the attached Scope of Accreditation. Please review the AIHA LAP website (www.aihaaccreditedlabs.org) for the most current Scope.

Cheryl O Morton
Managing Director, AIHA Laboratory Accreditation Programs, LLC

Revision21: 10/24/2023

Date Issued: 05/01/2024

MCB Camp Lejeune

EMSL Analytical, Inc.

706 Gralin Street, Kernersville, NC, 27284
Telephone: (336)-992-1025 Fax:(336)-992-4175

EMSL Order ID: 022650213
LIMS Reference ID: KE50213
EMSL Customer ID: WALK85

Attention: Chris Walker
The Walker Group Architecture [WALK85]
PO Box 541
New Bern, NC 28563
(252) 636-8778
chris@wgarc.com

Project Name: B1860
Project ID: 02-WALK85-LEAD
Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 3/16/26 4:00
Reported: 03/19/26 09:54

Lead Interpretive Report

Analyte	Analyzed	Method	Reporting Limit	Units	Weight(g)	Results	Q	Indicator
Customer Sample ID: Pb01			Lab Sample ID: KE50213-01			**Collected:** 02/10/26 00:00		
Lead	03/18/26 12:01	SW 846-7000B	0.0079	% wt	0.2029	0.0954	Pb3	!
Site:								
Customer Sample ID: Pb02			Lab Sample ID: KE50213-02			**Collected:** 02/10/26 00:00		
Lead	03/18/26 12:01	SW 846-7000B	0.0074	% wt	0.2154	0.0984	Pb3	!
Site:								

Interpretation Key and Definitions

✗ Above action level

! Above Reporting Limit (RL) but below action level

✓ Below Reporting Limit (RL)

These guidance limits are typically used in most scenarios. Other local or project specific guidelines may apply.
Please contact the laboratory for statement of uncertainty data for the utility of properly evaluating these results against any regulatory standards or guidelines.
No responsibility or liability is assumed for the manner in which the results are used or interpreted.

Guidelines for Federal USEPA/HUD Lead in Paint Chips
=0.5 % Wt or =1.0 mg/cm2 is the EPA definition of a lead-based paint.

James Cole

James Cole, Laboratory Manager or other approved signatory

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Certified Analyses included in this Report

Analyte	Certifications
SW 846-7000B in Chips	
Lead	02-AIHA ELLAP

List of Certifications

Code	Description	Number	Expires
02-AIHA ELLAP	American Industrial Hygiene Association (AIHA LAP, LLC) - ELLAP	102564	06/01/2026
02-AIHA EMLAP	American Industrial Hygiene Association (AIHA LAP, LLC) - EMLAP	102564	06/01/2026

Please see the specific Field of Testing (FOT) on www.emsl.com <http://www.emsl.com> for a complete listing of parameters for which EMSL is certified.

Notes and Definitions

Item	Definition
Pb3	The QC sample duplicate RPD result for Lead was outside of the method control limits.
(Dig)	For metals analysis, sample was digested.
[2C]	Reported from the second channel in dual column analysis.
DA	Direct Analysis
DF	Dilution Factor
MDL	Method Detection Limit.
ND	Analyte was NOT DETECTED at or above the reporting limit, or the mdl if provided.
NR	Spike/Surrogate showed no recovery.
Q	Qualifier
RCS	Respirable Crystalline Silica
RL	Reporting Limit
Wet	Sample is not dry weight corrected.

Measurement of uncertainty and any applicable definitions of method modifications are available upon request. Per EPA NLLAP policy, sample results are not blank corrected.

Please visit our website at http://www.emsl.com
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EMSL ANALYTICAL, INC.
LABORATORY•PRODUCTS•TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only)*: 15E5b213

EMSL ANALYTICAL, INC.
706 GRALIN STREET
KERNERSVILLE, NC 27284
336-992-1025

Company : Walker Group Architecture		**EMSL-Bill to:** ☒ Same ☐ Different If Bill to is Different note instructions in Comments** *Third Party Billing requires written authorization from third party*	
Street: 409 Broad St			
City: New Bern	**State/Province: NC**	**Zip/Postal Code: 28560**	**Country: US**
Report To (Name): Chris Walker		**Fax #:**	
Telephone #: 252-636-8778		**Email Address: chris@wgarc.com**	
Project Name/Number: B1860			
Please Provide Results: ☐ Fax ☒ Email	**Purchase Order:**	**U.S. State Samples Taken: NC**	

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hours	☐ 6 Hours	☐ 24 Hours	☐ 48 Hours	☒ 3 Days	☐ 4 Days	☒ 5 Days	☐ 10 Days

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ mg/cm² ☒ % by wt.	SW846-7000B/7420 or AOAC 974.02	Flame Atomic Absorption	0.01%	☒
Air	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☐
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300 modified	ICP-AES	0.5 µg/filter	☐
Wipe* ☐ ASTM ☐ non ASTM *if no box is checked, non-ASTM Wipe is assumed	SW846-7000B/7420	Flame Atomic Absorption	10 µg/wipe	☐
	SW846-6010B or C	ICP-AES	0.5 µg/wipe	☐
TCLP	SW846-1311/7420/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	☐
Soil	SW846-7420	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-7421	Graphite Furnace AA	0.3 mg/kg (ppm)	☐
	SW86-6010B or C	ICP-AES	1 mg/kg (ppm)	☐
Wastewater	SM3111B or SW846-7000B/7420	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	SW846-6010B or C	ICP-AES	1 mg/kg (ppm)	☐
Drinking Water	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐

Other:	**Preservation Method (Water):**
Name of Sampler: Chris Walker	**Signature of Sampler:**

Sample #	Location	Volume/Area	Date/Time Sampled
Pb01	gray metal ladder		02/10/26
Pb02	gray metal ladder		02/10/26

Client Sample #'s	Pb01 - Pb02			**Total # of Samples:**	2
Relinquished (Client):	WGARC	**Date:**	~~02/16/2026~~ 3.13.26	**Time:**	11:30 am
Received (Lab):	Jenlwcent	**Date:**	3/16/26	**Time:**	2pm UPS
Comments:					