



November 10, 2023  
Wise Project No. 23-319

**Carson City School District  
P.O. Box 603  
Carson City, NV 89702**

**Attn: Mark Johnson**

**Re: LEAD RENOVATION SURVEY  
Carson High School, Restroom Remodel  
1111 N. Saliman Rd.  
Carson City, NV 89701**

Wise Consulting and Training, Inc. (WISE) was contracted to conduct a Lead Renovation survey at the site referenced above. An environmental consultant from WISE conducted the field work for the survey on October 12, 2023. *The scope of work that necessitated this survey includes the intended renovation of eight of the Main Corridor Restrooms including removal and replacement of the tile, stalls, and fixtures.* Our lead survey work included investigating the presence or absence of Lead-Based Paint (LBP), Lead-Containing Paint (LCP) or Lead-Containing Materials (LCM) in areas of the intended renovation in compliance with EPA and OSHA lead regulations.

For Lead Surveys we use the following surface classification system for painted, varnished, and coated surfaces, or components that may contain lead. We consider any painted/coated surface that is equal to or below 0.10 milligrams per square centimeter ( $\text{mg}/\text{c}^2$ ) very low or no-lead for the purpose of normal renovation work. Painted/coated surfaces that are between 0.10 ( $\text{mg}/\text{c}^2$ ) and 1.0 ( $\text{mg}/\text{c}^2$ ) are considered Lead-Containing Paint (LCP) surfaces and special procedures and an OSHA Lead Compliance Plan may be necessary depending on the condition and location of the painted/coated surfaces and the kind of work intended. Painted/coated surfaces or components like tile with glazing or pigments measuring 1.0  $\text{mg}/\text{cm}^2$  or higher are considered Lead-Based Paint (LBP) surfaces or components and we recommend any disturbance of those surfaces or components be performed under an OSHA Lead Compliance Plan if the surfaces will be disturbed.

This survey was conducted with the use of a Niton XLp 703 AW XRF Analyzer with current calibration. If any inconclusive or atypical readings are recorded, the inspector will conduct chip sampling and laboratory analysis of the paint film to resolve the inconclusive or atypical XRF readings. No inconclusive readings were recorded at the site.

## **FINDINGS**

The following table includes the paint description, paint combination location, sample results, and condition of the paint combinations and materials that may be disturbed by the intended renovation at this site.

<b>LBP SUMMARY DATA</b>					
<b>Lead Content Classification</b>	<b>Paint Film or Component Description</b>	<b>Paint Film or Component Location</b>	<b>XRF Result mg/cm<sup>2</sup></b>	<b>Color</b>	<b>Condition *</b>
Very Low or No	Paint on CMU	Walls	0.00/0.00/0.00 0.00/0.00/0.00	White and Blue	N/A
Very Low or No	Paint on Drywall	Walls and Ceiling	0.00/0.00/0.00 0.00	White	N/A
Very Low or No	Paint on Tile	Floor and Baseboard	0.00/0.01/0.00 0.00/0.00	White and Grey	N/A
Very Low or No	Paint on Ceramic	Toilets, Urinals, Sinks, and Countertops	0.00/0.00/0.00 0.00/0.00/0.00 0.00/0.00	White and Grey	N/A
Very Low or No	Paint on Metal	Stalls and Dividers	0.00/0.00/0.00 0.00/0.00	Blue	N/A
<p><b>*Notes: Good</b> - No significant deterioration (chipping peeling, oxidation); <b>Deteriorated</b> - Greater than 2 square feet of small components (trim) deteriorated; on interior surfaces greater than 10 percent; or greater than 10 square feet on exterior surfaces; <b>NA</b> - No or very low lead content, No Action recommended.</p>					

## CONCLUSION and RECOMMENDATION

Since the paint films results indicate all paint films are no or very low lead, the renovation at this site is not subject to additional lead requirements. We do recommend this document be kept with the project file and permanent property records.

## CLOSURE

It was not the intent of this study to find buried paint surfaces or to conduct excessive destructive means to find suspect lead components. It was the purpose to find and sample accessible suspect paint combinations and/or components, including multi-layered paints, in the area of intended renovation.

This report presents information pertaining to the specific sample locations and paint conditions at the time the survey was conducted. No other observations, guarantees, or warranties are either expressed or implied.

Thank you for the opportunity to be of service on this project. Please let us know if you have any questions on the report or how to comply with OSHA procedures.

Prepared By:



J. Tom Wise, President  
 EPA/NV Lead Risk Assessor #NV-R-108635-2  
 NV Environmental Manager #EM 1618