

## Residential Lead Screening Level Checklist

Site Information			
Site or study area name	Argonaut Mine Superfund Site		
Location (City/County, State, Zip)	Jackson, Amador County, California	SEMS EPA ID	CAD983650011
Current remedial pipeline phase	Remedial Investigation	Does a site boundary exist in SEMs?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Briefly describe any removal or remedial work completed to date, including previous screening levels	Several removal actions have been conducted at the site in the past 10 years and used 400 ppm lead as a cleanup level		
Briefly describe the geographic scope of the study area that was considered while completing the checklist	The residential area of the Argonaut Mine Superfund site.		

Checklist completed by:		
Name	Title and Organization	Date
John Hillenbrand	RPM, Superfund Division	5/30/2024

**Table 1: Evaluate Primary Data Sources in “Residential Lead GIS Screening Tool”** [**\*\*[Ctrl+Click here to access GIS tool](#)\*\***]

Yes	No	?	Question	Data Evaluation Notes	References
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Is the study area in a NAAQS nonattainment zone for lead?		<a href="#">EPA Green Book provides detailed information about NAAQS designations</a>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the EJScreen Lead Paint Index data demonstrate that a majority of the homes in the study area are at or above the 80 <sup>th</sup> percentile?		<a href="#">EJ Screen Environmental Indicators</a> <a href="#">Census Bureau housing data tools</a> <a href="#">American Community Survey data</a>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Are you able to you select a screening level based on these primary data sources?	<input checked="" type="checkbox"/> Yes: 200 ppm <input checked="" type="checkbox"/> Yes: 100 ppm <input type="checkbox"/> No: continue with checklist <i>If yes, skip to the last page to summarize the weight of evidence and to document approval.</i>	

**Table 2: Evaluate Secondary Data Sources on Potential Lead Exposures**

Yes	No	?	Question	Data Evaluation Notes	References
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Are you aware of any potential soil exposures due to deteriorating exterior lead-based paint?		<a href="#">EPA Regional Lead-Based Paint Contacts</a>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Are there facilities in the study area with known lead violations?		<a href="#">Search for facilities to assess their compliance</a>  Check with state and local contacts for facilities not subject to EPA authorities
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Are you aware of lead pipes and/or lead service lines in the study area?		<a href="#">Check with the state's drinking water program</a>  <a href="#">Check local drinking water quality annual reports</a>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Among the schools in the study area, are there drinking water reports or testing that indicate lead exposures?		The local public water department may have more information  Check local drinking water quality annual reports  <a href="#">EPA contacts for voluntary testing in schools</a>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Are you aware of any local cultural practices or community activities that may involve lead? (e.g., ceremonial uses, traditional medicines, pottery/jewelry making)		<a href="#">EPA resources on lead in cultural products</a>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Are there reports or data demonstrating elevated blood lead levels (BLL) in children in the study area? (If so, do reports indicate meaningful trends?)		Local Health Department may have more information  <a href="#">CDC childhood lead poisoning prevention data and statistics</a>

**Table 3: Evaluate Mitigation Efforts**

Yes	No	?	Question	Data Evaluation Notes	References
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Does the state, tribe, or territory have an EPA-authorized lead-based paint program?		<a href="#">Lead-based paint abatement programs</a> <a href="#">RRP program information</a> <a href="#">Identify authorized professionals</a> <a href="#">EPA Regional Lead-Based Paint Contacts</a>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Is the study area covered by a lead ordinance or local lead laws? (e.g., real estate disclosure, dust hazard mitigation, building codes, permits or requirements for renovations)		Check with the state and local government authorities to find out about lead laws and ordinances specific to the area.  <a href="#">Learn about federal lead laws and regulations</a>  <a href="#">Real estate disclosures about potential lead hazards</a>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Are you aware of whether older homes and/or schools have addressed lead-based paint through mitigation, encapsulation, or renovation?		Check with your regional Lead-Based Paint Coordinator, the local health department, education department, or school district(s) for this information.  <a href="#">How to check for lead hazards in schools and childcare facilities</a>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Are you aware of whether lead service lines have been replaced or are scheduled to be replaced?		Check with the local public water department for more information
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Have there been other previous initiatives to directly address lead exposures in the study area? <i>(If yes, add notes on the outcome, including successes, challenges and gaps in effectiveness.)</i>		Check with your state or local health department

Additional Notes	
Document any additional findings not addressed by the items specified in the checklist, including any input from key points of contact in other lead programs in the region or other federal, state and local agencies.	
The information needs of the above checklist None	

Recommended Regional Screening Level	
Select the appropriate screening level and summarize the weight of evidence assembled above.	<input checked="" type="checkbox"/> 200 ppm <input checked="" type="checkbox"/> 100 ppm
The 100 ppm level will be preferred unless there is compelling evidence (age of home, concentrations in neighboring yards) that there is a single source which may allow the use of 200 ppm.	

\_\_\_\_\_  
**Approved By [Type Name, Title]**

\_\_\_\_\_  
**Date**