

Qualitative Evaluation Checklist for Understanding Potential Exposures to Arsenic and Lead in Soil

Please visit and walk around the site, preferably during daylight hours, before answering these questions.

<p>Q1: Is the property near a historical smelter location in Pierce, King, Snohomish, or Stevens counties?</p>	<p>If YES or UNSURE, go to Q4. If NO, go to Q2.</p>
<p>Q2: Were lead arsenate pesticides used on the property historically (e.g., on apple or pear trees)?</p>	<p>If YES or LIKELY, go to Q4. If NO, go to Q3.</p>
<p>Q3: Are portions of the property within 25 feet of a road built before 1995?</p>	<p>If YES or UNSURE, go to Q4. If NO, elevated levels of arsenic and lead are not likely to be present in soil.</p>
<p>Q4: Do children routinely play in this area?</p>	<p>If YES or UNSURE, go to Q7. If NO, go to Q5.</p>
<p>Q5: Do people spend a lot of time in this area (e.g., while gardening)?</p>	<p>If YES or UNSURE, go to Q7. If NO, go to Q6.</p>
<p>Q6: Are there frequently used, unpaved paths or trails through this area?</p>	<p>If YES or UNSURE, go to Q7. If NO, potential exposure to elevated levels of lead and arsenic in soil is less likely.</p>
<p>Q7: Is there any exposed dirt in play and high use/traffic areas (e.g., swing sets, gardens, sports fields, lawns, and paths)? Note: Asphalt, wood chips, grass cover, or other natural/synthetic barrier may help limit potential exposure to contaminated soil. The Consumer Product Safety Commission recommends that surfaces around playground equipment have at least 5-12 inches of wood chips, mulch, sand, or pea gravel, or are covered with mats made of safety-tested rubber or rubber-like materials.</p>	<p>If YES or UNSURE, there may be a higher potential for exposure to contaminated soils. Use individual protection measures to minimize potential exposure and determine whether to test soils. If NO, go to Q8.</p>
<p>Q8: Would you expect soils to be exposed at any time during the year (e.g., due to seasonal sports or other activities)?</p>	<p>If YES, there may be a higher potential for exposure to contaminated soils. Use individual protection measures to minimize potential exposure and determine whether to test soils. If UNSURE, check with the landowner or organization responsible for maintaining the property to see whether a maintenance program is in place to ensure that play and high use/traffic areas remain thoroughly covered year round. If NO, the potential for exposure to contaminated soils is less likely.</p>